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GLOBAL MARKET

iPHONE 5s HITS CHINA

ASIA PRIVY TO THE LATEST APPLE PRODUCT

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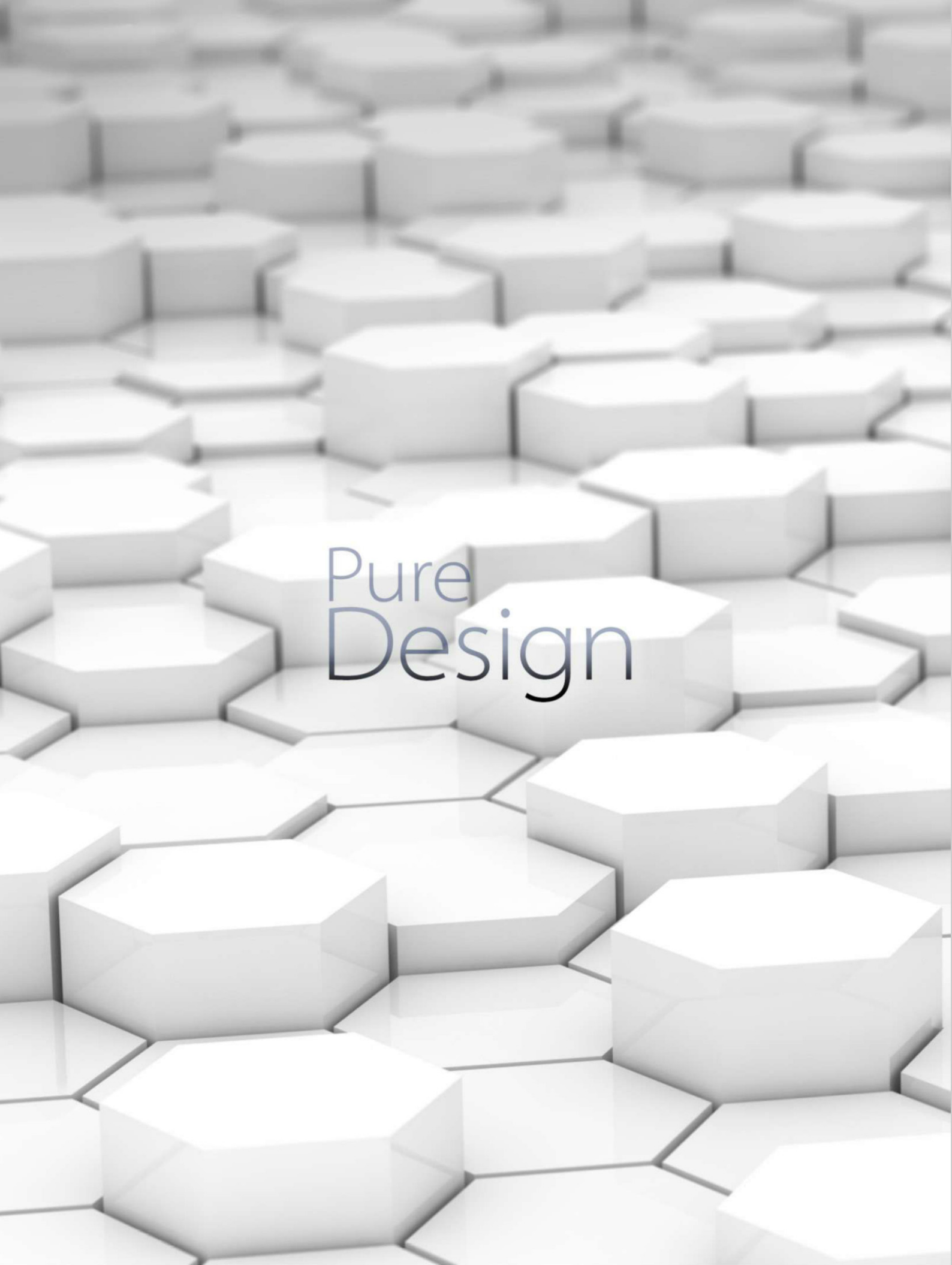
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OCTOBER TO BRING ADDITIONAL EXCITEMENT



iPhone 5S

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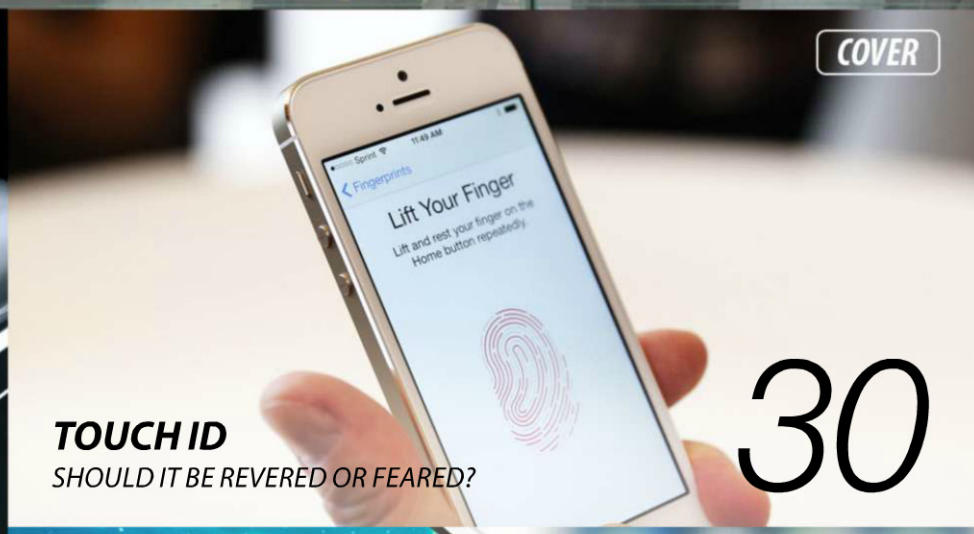
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NEW PANDORA CEO FACES ROYALTY FIGHT



Photo: Stephen Brashear

One of the biggest challenges facing Brian McAndrews, the new CEO of Pandora, will be renegotiating the royalty rates the Internet radio giant pays to the music industry.

If Pandora doesn't prevail, the outcome could hamper its ability to compete with rivals such as Apple's iTunes Radio, which launches next week.



For each song Pandora streams to listeners, it pays a fraction of a penny to recording labels.

The companies begin negotiations before the federal Copyright Royalty Board in January and both sides are already digging their heels in. As in past disputes, the haggling could drag on for years while the government plays referee. In the end, users might have to listen to more ads between songs or pay more in subscription fees to avoid them. McAndrews, 54, was named Pandora's CEO Wednesday.

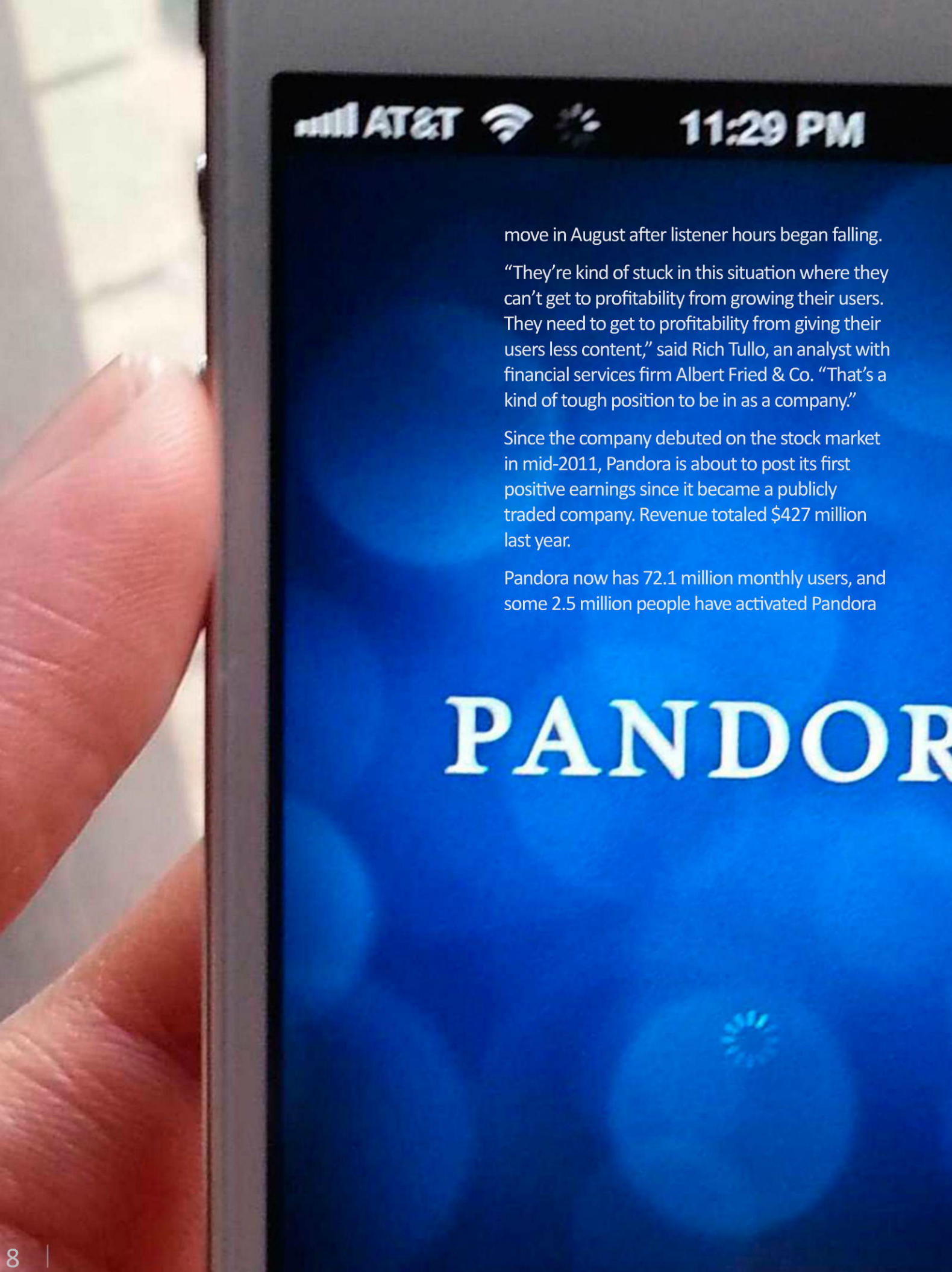
"I do share Pandora's longstanding belief that musicians should be fairly compensated for their work," McAndrews said, adding that the existing patchwork of laws was "created piecemeal over decades" and "doesn't serve any one very well."

Pandora allows users to listen to music on computers, smartphones or other Internet-connected devices. It's free as long as listeners put up with a few ads. For each song Pandora streams, it pays the music industry a royalty fee, which in aggregate amounted to over $200 million last year. The royalty rate is set by the U.S. government.

Pandora hired McAndrews, a former Microsoft exec who earlier ran a digital advertising company, to boost ad revenue. While McAndrews said he'd focus on advertising, music royalties are Pandora's biggest hurdle to profitability.

The fees are the main reason Pandora posted another net loss in the quarter through July, despite revenue rising 55 percent.

Overcoming these costs has proved difficult. In February, Pandora restricted listeners to 40 hours of free mobile listening per month, in an attempt to limit royalty expenses. But it reversed the



move in August after listener hours began falling.

"They're kind of stuck in this situation where they can't get to profitability from growing their users. They need to get to profitability from giving their users less content," said Rich Tullo, an analyst with financial services firm Albert Fried & Co. "That's a kind of tough position to be in as a company."

Since the company debuted on the stock market in mid-2011, Pandora is about to post its first positive earnings since it became a publicly traded company. Revenue totaled $427 million last year.

Pandora now has 72.1 million monthly users, and some 2.5 million people have activated Pandora



in their car dashboards, but it faces competition from Apple Inc.

Its iTunes Radio will offer service to hundreds of millions of iPhone and iPad users, and could cut into Pandora's dominance.

Some artists believe they haven't been compensated enough for their contributions to Pandora's success. Many of them want a bigger share of the riches music streaming is generating.

David Lowery, frontman for the alternative rock band Cracker, blogged in June that he could make more from the sale of a single T- shirt than the $16.89 Pandora paid him for a million plays of the band's 1993 hit "Low" in the final three months of last year.

While he acknowledges he made $50,000 in royalties last year across all streaming and sales formats, Lowery told The Associated Press his fight is about the future, because services like Pandora are displacing other forms of listening.

"If we don't get the webcasting rights right for songwriters, we're screwed," Lowery said.

Pandora argues that royalty rates are already too high, and it has tried numerous tactics to drive them down. In June, it bought a South Dakota radio station to qualify for the lower fees charged to station owners.

The company also backed a now-defunct bill in Congress that would have lowered its rates.

Tech:Lifestyle



iPhone 5s Hits China

Asia Privy to the Latest Apple Product



When Apple introduced the iPhone 5s from Cupertino, Calif., the tech giant **beamed the event via satellite** to some of the biggest cities in the world, from Tokyo to Beijing. Yes, three presentations were held to launch the iPhone 5s: One in California, one in China and one in Japan on September 10.

That said, this wasn't the first time pertinent global parties were privy to Apple's information on or around the same time America was learning about new and exciting products from the progressive tech giant.

For example, when the October 2011 launch of the iPhone 4s unfolded, live streaming was available at London's Covent Garden Apple Store. The Brits who had gathered in this gadget-driven place of business gleaned the exciting information at the same time this long anticipated rollout was hitting across the pond.

But back to the most recent reveal. Up until now, Apple had never provided any of its events via satellite stream to Mainland China. To say this move was as important as it was far-reaching to the Cupertino-based company would be an understatement.

But why? Well, the Southeast Asian nation, home to some 1.3 billion people, is a treasure trove for new business potential. That said, the country's largest wireless carrier, China Mobile (which happens to be the largest cell phone carrier in the world) has bragging rights to more than 700 million subscribers, making China "Apple's second-largest market by revenue."

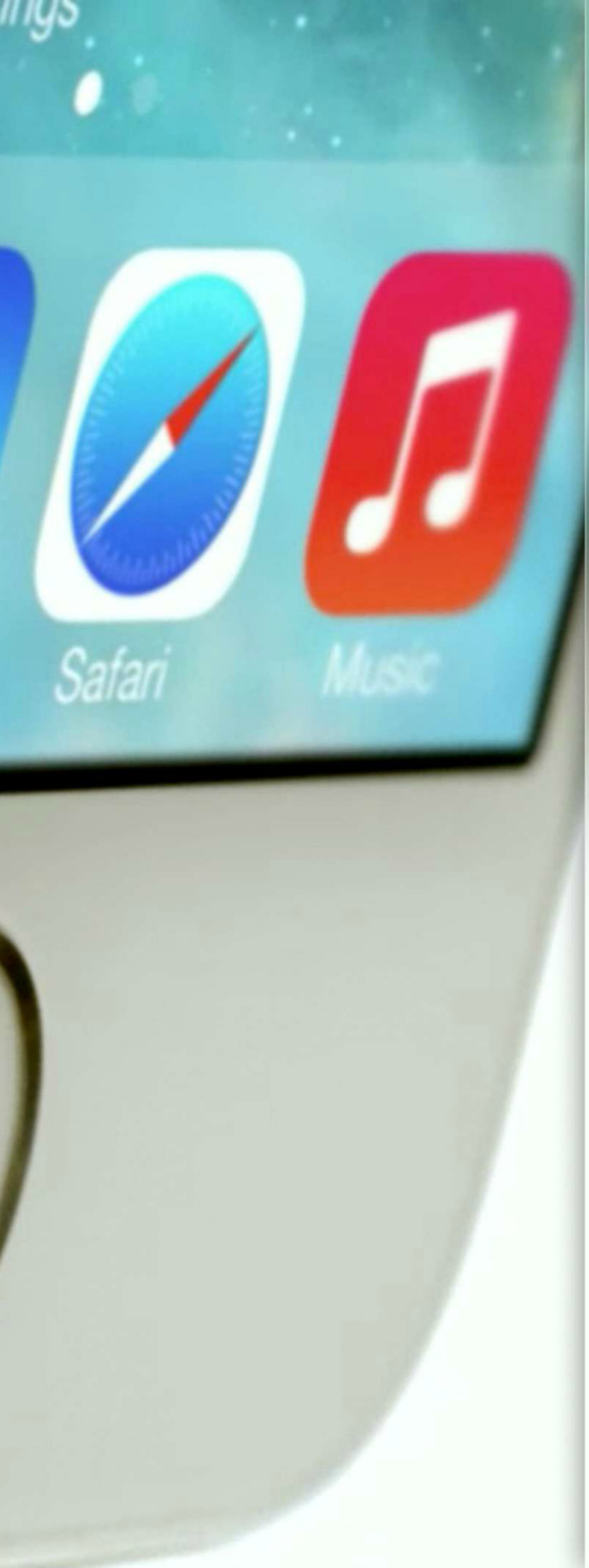
ISI analyst Brian Marshall puts this in perspective, saying that China Mobile "is one of the few remaining carriers that can really move the needle on iPhone sales."

Marshall asserted, "In our view, this potential subscriber base could eventually be almost






Phone
Mail



as large in unit terms as the opportunity from AT&T and Verizon in the U.S. combined."

The Apple deal with China Mobile is reportedly nearing completion. In fact, Chinese officials have achieved all three licenses needed to allow new iPhones to be in the hands of all three of the country's major carriers, including China Unico and China Telecom. The latter gave Apple a network access license just last week and just in time for the iPhone 5s to debut on September 20 on both sides of the world, in the U.S. and in China.

That accomplished, the **Wall Street Journal** reports that it is typical that Chinese vendors "often start selling new handsets within weeks of approval by the regulator." So, it appears iPhone 5s is about to be golden in this massive Asian outpost.

What a turnabout from decades past when it was Asia providing the bulk of the best in personalized technology. I remember visiting Tokyo in the mid-1980s for a chance to interview the inventor of the newly established Jumbotron for an Esquire magazine piece. Although this behemoth of a television set the size of a football field had only been revealed in a prototype at Expo '85, otherwise known as the Tsukaba Science Fair or the International Exposition, everyone in the tech world knew this Sony product was going to be big in more ways than one.

Taking its place center stage at the Japanese-based fair that heralded the lifestyle theme of "Dwellings and Surroundings: Science and Technology for Man at Home" -- and where attendance topped 20 million with 111 countries participating – the arrival of the Sony Jumbotron was monumental. So to have the opportunity to quiz the brainchild behind one of the largest non-projection video displays ever manufactured was a real coup for me.

Heading out to Sony Headquarters in Tokyo via cab was a mistake, however. The traffic, as always in this fast-paced metropolis, was heavier than usual, and I had only allowed an hour to reach my destination. Being late would have me losing face before I even came face-to-face with this inventor who was so highly revered.

Thankfully, after sweating bullets, I arrived at my destination at the exact moment of my much anticipated appointment. It wasn't long before I sat in the huge inventor's lab in the basement of this famous building in Tokyo for a one-on-one with Yasuo Kuroki. Well, make that a two-on-one since I had a translator on hand



given a lot of the interchange went from English to Japanese to English again.

And so, a leisurely chat ensued. Kuroki, an assuming, bespectacled man about twenty years my senior was a modest guy, so much so that when I asked if he had ever invented anything else that was used widely by the mainstream on any personal level other than the Jumbotron, he quietly admitted that yes, he had.



"So, what was this invention," I asked, eager to hear the answer and expecting something I wouldn't even recognize.

"Well, I'm not sure you know about it because it's not used so much anymore, but it is called the Betamax."

Wow. I assured my esteemed interview subject that I was indeed aware of the Betamax. In fact, I owned this pioneering recording device that predated the VCR and that had been unveiled to consumers a decade before my sit-down with Yasuo Kuroki in 1975.

From then on after that review and throughout the rest of the interview, I admit I was starstruck, even if this fact wasn't obvious to my subject sitting before me.

After that seminal Sony encounter, this travel writer became a technology watcher like no other. In fact, when I lived in Hong Kong in the early 1990s, I was always buying and trying new gadgets coming out of Asia. This was to be expected since this part of the world was then the hub of the tech industry, a virtual goldmine for this Expat from America. Ruled by mega-firms like Sony and Hitachi and Mitsubishi and Panasonic, all out of Japan, but always available for consumers visiting what was then a British colony. And most of these visitors from the west wanted to get their hands on a bargain, especially when that bargain came in the form of an electronic device of any description, from the first near-broadcast quality video cameras to the best in stereo sounds money could buy.

However, even though I found my footing with technology in Asia while in my 30s, I actually earned my first piece of cherished equipment from Japan when I was but a mere college student in my late teens. As a photojournalism scholar at Syracuse University's prestigious Newhouse School of




9:41 AM
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Messages
Calendar
Photos
Camera
Weather
Clock
Maps
Videos
Notes
Reminders
Stocks
Game Center
Newsstand
iTunes Store
App Store
Passbook
Compass
Settings
Phone
Mail
Safari
Music
iPhone 5S

Public Communications, I was all about having the best cameras and the best lenses used by the professionals, despite my parents' cries that these gadgets cost way too much for me to actually own.

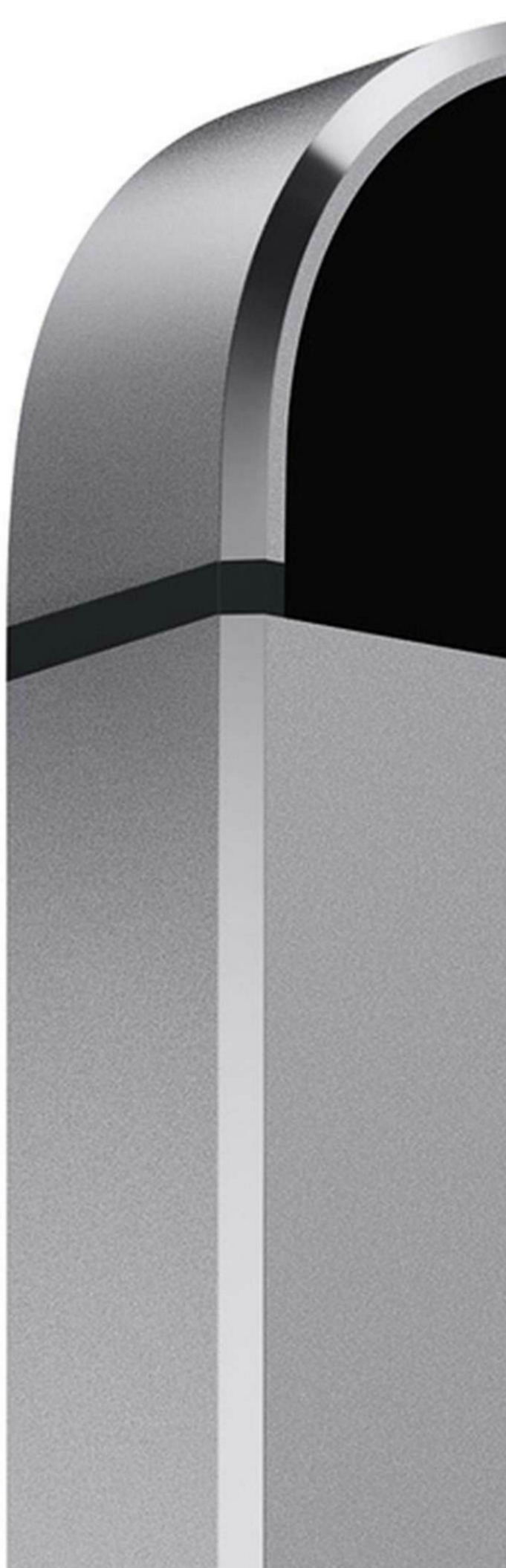
Well, luckily for me, these cameras and lenses were made by Nikon. And luckily for me, my brother went to MIT and had a Japanese roommate who so graciously procured a new Nikon FTN on my behalf, bringing this treasure back to Massachusetts after a summer back home. Hikaru Shimura presented this most cherished camera body to me in a mini-ceremony I'll never forget.

From then I on, I shot images through the very special lens on that very special camera on a daily basis. That camera went everywhere I went for many years to come. And, although dusty and sitting unused in a closet in my home some four decades later, that Nikon is still a prized possession and always will be. It was my first big purchase and it was much more exciting to me than buying a new car.

But back to the future. As I sit here trying to decide whether or not I can rationalize upgrading my current iPhone with the iPhone 5s, I also envision a lot of Asians thinking about owning their very first iPhone ever. This is probably as exciting a prospect for them as it was for me to be able to boast that I was a card-carrying Nikon owner back when I was in college.

Yes, I am excited for this new turn of events. Very excited. All of a sudden the world has become smaller and much more connected than ever before thanks to the technical exchanges we make from one continent to another, sometimes without giving that easy exchange even a second of thought. And for the first time, it seems like the U.S. has the upper hand while Asia is following behind. ■

by Jane E. Lasky





POLAR LAUNCHES POLAR LOOP: A SMART, STYLISH AND HIGHLY ACCURATE ACTIVITY TRACKER

NEW SMART BRACELET IS FIRST TO COMBINE ACTIVITY TRACKING WITH HEART RATE MONITORING TO GUIDE USERS TO A MORE ACTIVE AND HEALTHY LIFESTYLE.



Polar today announced Polar Loop, a stylish activity tracker in the form of a smart bracelet, which tracks daily activity and exercise levels, monitors sleep patterns, gives instant motivational feedback and provides alerts to help users achieve personalized daily activity goals. Building on more than 35 years of experience as the worldwide leader in heart rate and fitness assessment technology, Polar Loop brings precision and unmatched expertise to the activity tracker market.

Combined with Polar Flow, a free online tracking service and app for iPhone that automatically syncs via Bluetooth(R) Smart, Polar Loop provides smart guidance on how to improve health and wellbeing by making small changes in daily activity. Designed to be worn 24 hours a day, Polar Loop is waterproof and accurately captures all movement and exercise and distinguishes between various levels of activity.

"Polar is a trusted training partner for everyone from elite athletes to those looking to lose weight," said Herb Baer, Polar USA president. "Polar Loop brings our expertise and insights beyond time spent exercising, providing a complete and accurate picture of all daily activity and underlining the importance of every movement made throughout the day--from running, cycling and weight training to cooking, taking the stairs and walking the dog."

At the touch of a button, the Polar Loop display shows information about the user's activity goal and what they need to do to achieve it, as well as calories burned, steps taken and the time of day. The Polar Flow app and web service provides additional analysis and guidance, including illustrative graphics that showcase cumulative daily activity and periods of inactivity.

Polar Loop is also the first activity tracker to offer users the option of incorporating heart rate monitoring during workouts, which ensures that credit is given for all exercise, including activities such as cycling that an activity tracker alone will not capture. Adding heart rate monitoring also gives the user access to more Smart Coaching features, unique training guidance based on physiological expertise from Polar.

"As a company with a long history of innovation in the fitness category, we are proud to introduce the first product in this space that has waterproof capabilities and can incorporate heart rate monitoring, which brings a new dimension to tracking daily activities," added Baer. "Polar Loop is the ultimate activity tracker, providing users with a truly holistic picture of their daily movement."

Polar Loop will be available in October 2013 in black and features a red LED display set into a rubberized wristband with a stainless steel buckle.

KEY POLAR LOOP FEATURES

Monitor

-- Accurately tracks five different levels of activity and distinguishes between activities such as gentle walking and running.

-- Is the first waterproof activity tracker with the ability to be worn while swimming.

-- Provides guidance on ways to complete a user's daily activity target, which updates

throughout the day. For example, it suggests whether the user should run for 30 minutes, walk for 60 minutes, or spend a few hours cleaning or cooking to reach the daily goal.

-- Alerts users, through a friendly message on their phone, when they have been sitting down for too long.

-- Offers the option of adding heart rate monitoring to workouts, providing a complete view of both daily activity and exercise. The Polar H6 heart rate sensor and H7 heart rate sensor, which utilize Bluetooth Smart technology, are compatible with Polar Loop.

Smart Coaching

-- Daily Activity Goal provides the user's personal activity goal with guidance on how to reach it

-- With optional heart rate sensor: o Smart Calories - accurately calculates personal calories, taking into account gender and age o EnergyPointer - shows the impact of exercise (burning fat vs. improving fitness)

Analyze

-- Provides daily, weekly and monthly views of activity at the different levels of intensity through Polar Flow on desktop or mobile. These include useful guidance on how to become healthier, look and feel better, sharpen mental alertness and reduce long-term risks of lifestyle diseases such as heart disease and cancer.

-- Polar Loop is the only activity tracker that accurately measures all physical activity and compares it with globally recognized physical activity guidelines from the World Health Organization.

AVAILABILITY

Polar Loop ($109.95) will be available in October 2013 in black, with a pink version featuring white LEDs expected early in 2014. Polar Loop will be available from leading sports retailers, online and at www.polar.com. The Polar Flow app will be available for a free download from Apple's App Store when Polar Loop is released. An Android version of the app is expected to be available in the coming months.



TOP Free Apps



#01 – 4 Pics 1 Song

By Game Circus LLC
Category: Games
Compatible with iPhone 3GS, iPhone 4, iPhone 4S, iPhone 5, iPod touch (3rd generation), iPod touch (4th generation), iPod touch (5th generation) and iPad. Requires iOS 4.3 or later. This app is optimized for iPhone 5.



#02 – Amateur Surgeon 3

By [adult swim]
Category: Games
Compatible with iPhone, iPod touch, and iPad. Requires iOS 6.0 or later. This app is optimized for iPhone 5.



#03 – Clone Camera Pro

By Peta Vision
Category: Photo & Video
Compatible with iPhone 3GS, iPhone 4, iPhone 4S, iPhone 5, iPod touch (3rd generation), iPod touch (4th generation), iPod touch (5th generation) and iPad. Requires iOS 5.1 or later. This app is optimized for iPhone 5.



#04 – Candy Crush Saga ®

By King.com Limited
Category: Games
Compatible with iPhone 3GS, iPhone 4, iPhone 4S, iPhone 5, iPod touch (3rd gen), iPod touch (4th gen), iPod touch (5th gen) and iPad. Requires iOS 4.3 or later. This app is optimized for iPhone 5.



#05 – Rise Alarm Clock

By Kellen Styler
Category: Utilities
Compatible with iPhone 3GS, iPhone 4, iPhone 4S, iPhone 5, iPod touch (3rd generation), iPod touch (4th generation), iPod touch (5th generation) and iPad. Requires iOS 6.0 or later. This app is optimized for iPhone 5.



#06 – Despicable Me: Minion Rush

By Gameloft
Category: Games
Compatible with iPhone 4, iPhone 4S, iPhone 5, iPod touch (4th gen), iPod touch (5th gen), iPad 2, iPad (3rd gen), iPad (4th gen), and iPad mini. Requires iOS 5.0 or later. This app is optimized for iPhone 5.



#07 – Celebrity Doctor - Free games

By George CL
Category: Games
Compatible with iPhone, iPod touch, and iPad. Requires iOS 4.3 or later. This app is optimized for iPhone 5.



#08 – Flick Golf Extreme!

By Full Fat
Category: Games
Compatible with iPhone, iPod touch, and iPad. Requires iOS 3.1 or later.



#09 – Instagram

By Burbn, Inc.
Category: Photo & Video
Compatible with iPhone, iPod touch, and iPad. Requires iOS 5.0 or later. This app is optimized for iPhone 5.



#10 – Vine

By Vine Labs, Inc.
Category: Social Networking
Compatible with iPhone 3GS, iPhone 4, iPhone 4S, iPhone 5, iPod touch (3rd generation), iPod touch (4th generation), iPod touch (5th generation) and iPad. Requires iOS 5.0 or later. This app is optimized for iPhone 5.

iOS

TOP Free Apps



#01 – MemoryKeeper
By KROMTECH ALLIANCE CORP.
Category: Utilities
Compatibility: OS X 10.6 or later



#02 – Kindle
By AMZN Mobile LLC
Category: Reference
Compatibility: OS X 10.6 or later



#03 – Evernote
By Evernote
Category: Productivity
Compatibility: OS X 10.6.6 or later



#04 – Xcode
By Apple
Category: Developer Tools
Compatibility: OS X 10.7.4 or later



#05 – The Unarchiver
By Dag Agren
Category: Utilities
Compatibility: OS X 10.6.0 or later



#06 – Fotor Photo Editor – Photo Effect & Collage Maker
By Chengdu Everimaging Science and Technology Co., Ltd
Category: Photography
Compatibility: OS X 10.6 or later



#07 – Twitter
By Twitter, Inc.
Category: Social Networking
Compatibility: OS X 10.6 or later



#08 – Classic Snake
By Farid Ahmad
Category: Games
Compatibility: OS X 10.7 or later, 64-bit processor



#09 – App for Facebook
By Xiaomeng Lu
Category: Business
Compatibility: OS X 10.7 or later, 64-bit processor



#10 – Full Deck Solitaire
By GRL Games
Category: Games
Compatibility: OS X 10.6.6 or later

Mac OS X

TOP Paid Apps



#01– Pixlgun 3D - Block World Pocket Survival Shooter

By Alex Krasnov
Category: Games / Price: $0.99
Compatible with iPhone 3GS, iPhone 4, iPhone 4S, iPhone 5, iPod touch (3rd gen), iPod touch (4th gen), iPod touch (5th gen) and iPad. Requires iOS 5.0 or later. This app is optimized for iPhone 5.



#02 – Minecraft – Pocket Edition

By Mojang
Category: Games / Price: $6.99
Compatible with iPhone, iPod touch, and iPad. Requires iOS 4.3 or later. This app is optimized for iPhone 5.



#03 – Heads Up!

By Warner Bros.
Category: Games / Price: $0.99
Compatible with iPhone 3GS, iPhone 4, iPhone 4S, iPhone 5, iPod touch (3rd gen), iPod touch (4th gen), iPod touch (5th gen) and iPad. Requires iOS 5.0 or later. This app is optimized for iPhone 5.



#04 – AfterLight

By Simon Filip
Category: Photo & Video / Price: $0.99
Compatible with iPhone 3GS, iPhone 4, iPhone 4S, iPhone 5, iPod touch (3rd gen), iPod touch (4th gen), iPod touch (5th gen) and iPad. Requires iOS 5.0 or later. This app is optimized for iPhone 5.



#05 – Smart Alarm Clock: sleep cycles & noise recording

By Plus Sports
Category: Health & Fitness / Price: $1.99
Compatible with iPhone, iPod touch, and iPad. Requires iOS 5.0 or later. This app is optimized for iPhone 5.



#06 – Pimp Your Screen

By Apalon
Category: Lifestyle / Price: $1.99
Compatible with iPhone, iPod touch, and iPad. Requires iOS 4.3 or later. This app is optimized for iPhone 5.



#07 – Plants vs. Zombies

By PopCap
Category: Games / Price: $0.99
Compatible with iPhone, iPod touch, and iPad. Requires iOS 4.3 or later.



#08 – Free Music Download Pro - Mp3 Downloader

By ASPS Apps
Category: Music / Price: $1.99
Compatible with iPhone, iPod touch, and iPad. Requires iOS 4.3 or later. This app is optimized for iPhone 5.



#09 – Sleep Cycle alarm clock

By Maciek Drejak Labs
Category: Health & Fitness / Price: $1.99
Compatible with iPhone, iPod touch, and iPad. Requires iOS 4.3 or later. This app is optimized for iPhone 5.



#10 – Survivalcraft

By Igor Kalicinski
Category: Games / Price: $3.99
Compatible with iPhone 3GS, iPhone 4, iPhone 4S, iPhone 5, iPod touch (3rd generation), iPod touch (4th generation), iPod touch (5th generation) and iPad. Requires iOS 5.1 or later. This app is optimized for iPhone 5.

iOS

TOP Paid Apps



#01 – OS X Mountain Lion
By Apple
Category: Productivity / Price: $19.99
Compatibility: OS X 10.6.8 or later



#02 – Pages
By Apple
Category: Productivity / Price: $19.99
Compatibility: OS X 10.7.4 or later



#03 – Keynote
By Apple
Category: Productivity / Price: $19.99
Compatibility: OS X 10.7.4 or later



#04 – Numbers
by Apple
Category: Productivity / Price: $19.99
Compatibility: OS X 10.7.4 or later



#05 – Duplicate Detective
By FIPLAB Ltd
Category: Utilities / Price: $1.99
Compatibility: OS X 10.7 or later, 64-bit processor



#06 – FaceTime
By Apple
Category: Social Networking / Price: $0.99
Compatibility: OS X 10.6.6 or later



#07 – iPhoto
By Apple
Category: Photography / Price: $14.99
Compatibility: OS X 10.7.5 or later



#08 – Live Wallpaper
By SquidMelon
Category: Weather / Price: $0.99
Compatibility: OS X 10.6 or later



#09 – Disk Doctor
By FIPLAB Ltd
Category: Utilities / Price: $1.99
Compatibility: OS X 10.7.3 or later, 64-bit processor



#10 – Transmit
By Panic, Inc.
Category: Utilities/ Price: $16.99
Compatibility: OS X 10.6.6 or later

Mac OS X


Sprint
11:49 AM
Fingerprints
Lift Your Finger
Lift and rest your finger on the Home button repeatedly.


Touch ID
SHOULD IT BE REVERED OR FEARED?





When Apple unveiled the iPhone 5s in Cupertino on September 10, there was plenty to talk about. Was the new handset a worthwhile upgrade on the iPhone 5? Was its specification sheet - incorporating the likes of an “all-new” 8 megapixel iSight camera and 64-bit A7 chip - sufficiently impressive to allay shareholder concerns about a lack of product innovation? Whatever happened to the Apple TV or iWatch that we were hearing so much about lately? That day, though, much of the world’s media focused its attention on one particular new feature: Touch ID, the iPhone fingerprint sensor.

The announcement of this feature wasn’t a massive shock - in fact, there were loads of chatter on the usual online blogs and rumor pages about fingerprint authentication actually and finally making its long-awaited debut on an iDevice after speculation stretching back to at least 2009. Back then, an **Apple patent application** was published by the US Patent & Trademark Office, showing an advanced embedded biometric authentication security system. The idea was that all future Apple hardware - the iPhone, MacBook and any other device emerging from the Californian design studios - would be able to detect identification information and compare it to information stored in a library in the device.

The word back then was that Apple was still mulling a range of biometric authentication technologies. There were suggestions of a sensor that would detect features of a user’s skin - even features underneath the skin. Rumor also surrounded possible voice recognition for iPhone users, ear canal sensory technology, face recognition and - of course - fingerprint technology. Fast-forward to a year ago, and as the world awaited the launch of the **iPhone 5**,

Game Center
Stocks
Passbook
App Store
iTunes Store
Settings
Newsstand
Compass
Phone
Mail



speculation was once again rife of Apple incorporating a fingerprint scanner for securing the device. More than that, it was suggested that the introduction of such a feature would mark Apple's first big move towards transforming the iPhone into a digital wallet.

Speculation was especially strong by that point as it had already been announced that the Cupertino firm had entered an **agreement to purchase security device maker AuthenTec** for $8 a share, equating to about $356 million in cash. At the time of the confirmation of the acquisition, AuthenTec's fingerprint technology was already seeing use for payment authentication purposes in mobile phones in Japan, a market embracing mobile-wallet services with rather greater enthusiasm than the United States. Would Apple make use of AuthenTec's expertise to finally introduce game-changing fingerprint authentication technology to iDevices? That was definitely the apparent implication of such a move.

TOUCH ID ... IT'S FINALLY HERE!

This year the speculation has been even more intense, the accompanying information on the rumor pages still more detailed. Any chance of Apple springing a surprise on us with this technology had long looked pretty doomed, especially after the leak of sharp high-resolution photos of the **iPhone 5s home button hardware** as well. This was proven when we got a plain home button surrounded by an intriguing thin circle.

The difference in the appearance of the home button is attributable to the new Touch ID feature being built into it, with a capacitive touch sensor combining with





a laser cut sapphire crystal. **Apple** tells us that with the mere touch of a finger, you can use Touch ID for the simple and secure unlocking of your device. A high-resolution image of your fingerprint is taken and then intelligently analyzed, allowing for accurate readings from any angle. We're told that the feature is easy to set up and that your fingerprint information is never stored on iCloud or any other Apple servers - just in case you were worrying about it being stolen or used for any nefarious purpose. Instead, it all stays encrypted in a Secure Enclave in the phone's A7 chip.

In line with what the longstanding speculation suggested to us, the idea is that you won't just use the new fingerprint sensor to **unlock your device, but also financially**. You will be able to use it to buy music from iTunes, apps from the App Store and/or ebooks from the iBooks Store, but not for your online banking and other Internet shopping, as its applications aren't all-encompassing quite yet.

Still, the possibilities seem endless, what with fingerprint sensing probably being the most widely deployed biometric authentication technology right now. Dell, Toshiba and Lenovo have long incorporated it in various forms into their laptops, for example, usually as an alternative to a more traditional login method.

SHOULD SECURITY BE A CONCERN WITH TOUCH ID?

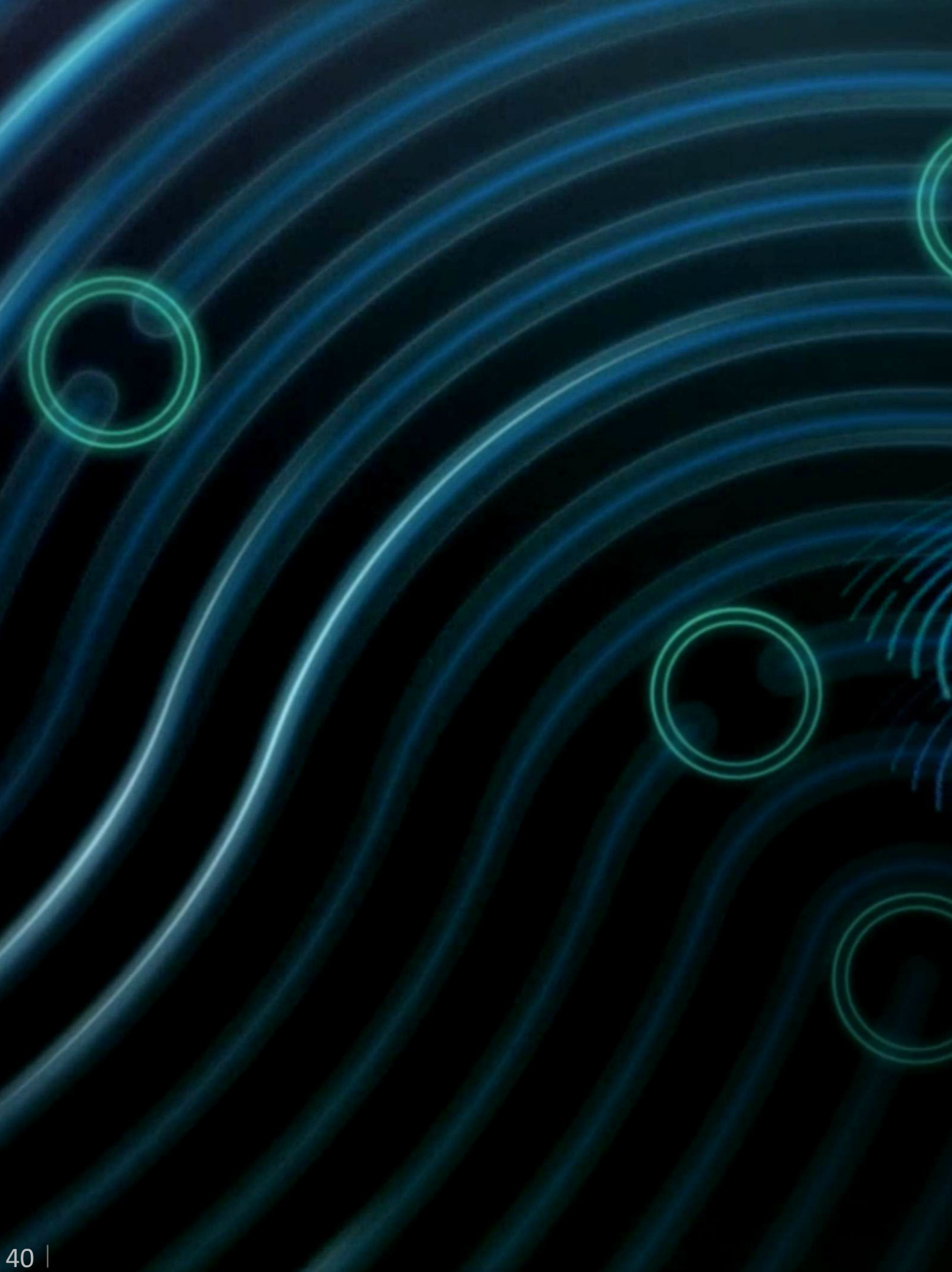
It would be wrong to overlook the security concerns that have sometimes surrounded fingerprint authentication. Periodic stories emerge of security researchers uncovering one key flaw or another in a widely used fingerprint scanner, as was the case last

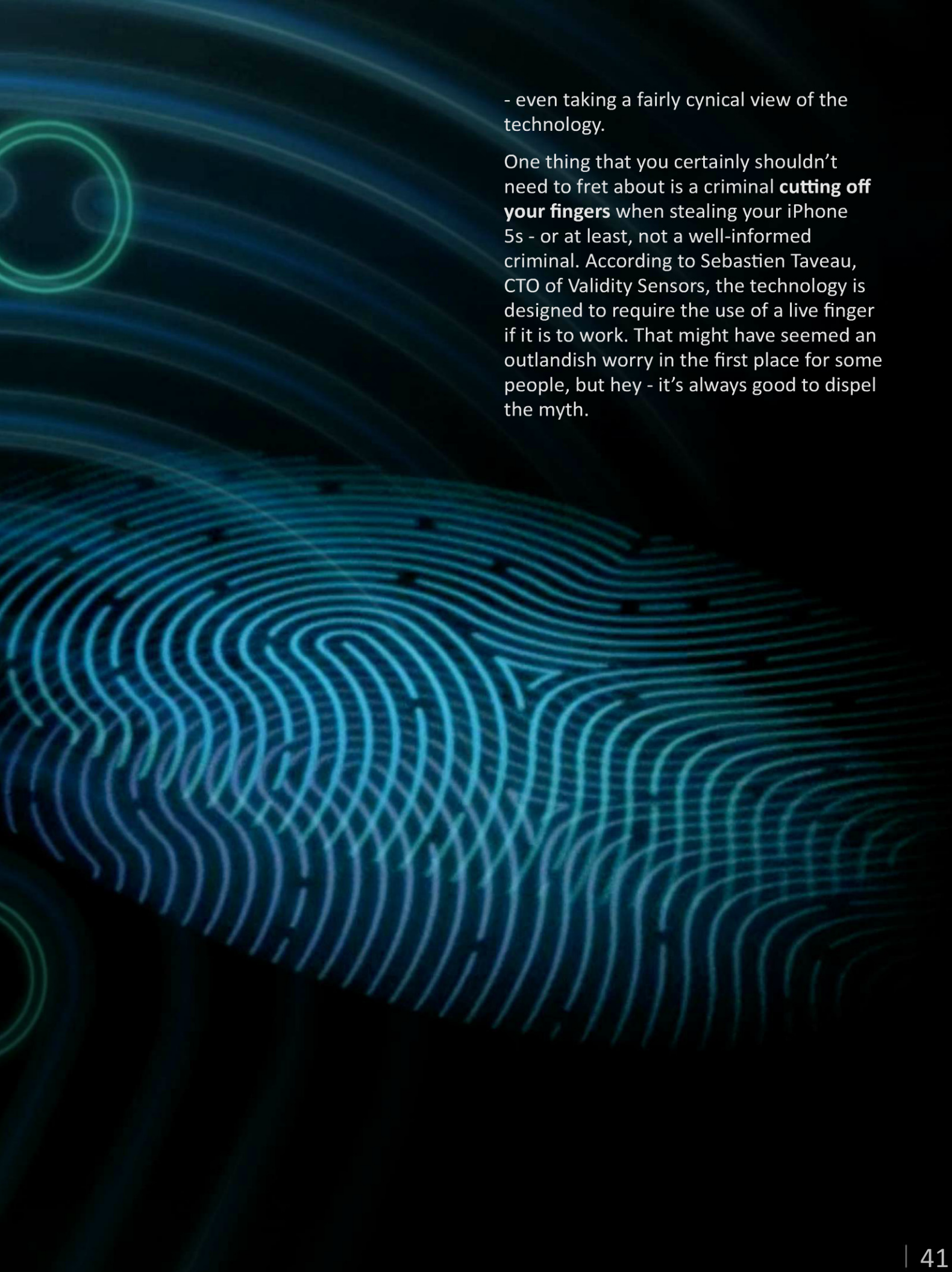
year with the UPEK Protector Suite for laptops, which - it was claimed - quickly **exposed users' Windows passwords.** The company behind the UPEK scanner was in fact AuthenTec, which fought back against the allegation from the Russian security firm Elcomsoft, stating that it was unable to find evidence of Windows passwords being insecurely stored by its software. The true security situation seems uncertain, both with this particular product and fingerprint authentication technology in general.

But should that worry you as a potential user of **Touch ID**? There's no question that hackers - friendly and otherwise - will be seizing on the technology, particularly that 'Secure Enclave', as soon as the phone hits the shops. But we just won't know for sure how robust Apple's recognition system is, until such people have had a good look at it. As aforementioned, the fingerprint information itself for Touch ID is not being stored in a centralized database, so Apple has already dodged one major potential problem before the announcement by security technologist and author Bruce Schneier.

Biometric authentication doesn't have a history of being utterly impossible to hack - as there aren't many security technologies that could boast that - and indeed, its appearance on the new iPhone is really about balancing security with convenience. For most mobile device owners, that's a perfectly acceptable compromise given that it's still relatively unlikely that the average user could possibly 'fool' the system. We don't know for sure yet whether someone with a good enough printer and a sufficiently decent copy of your fingerprint could get into your iPhone. But it's more likely that they'd at least need some familiarity with materials engineering

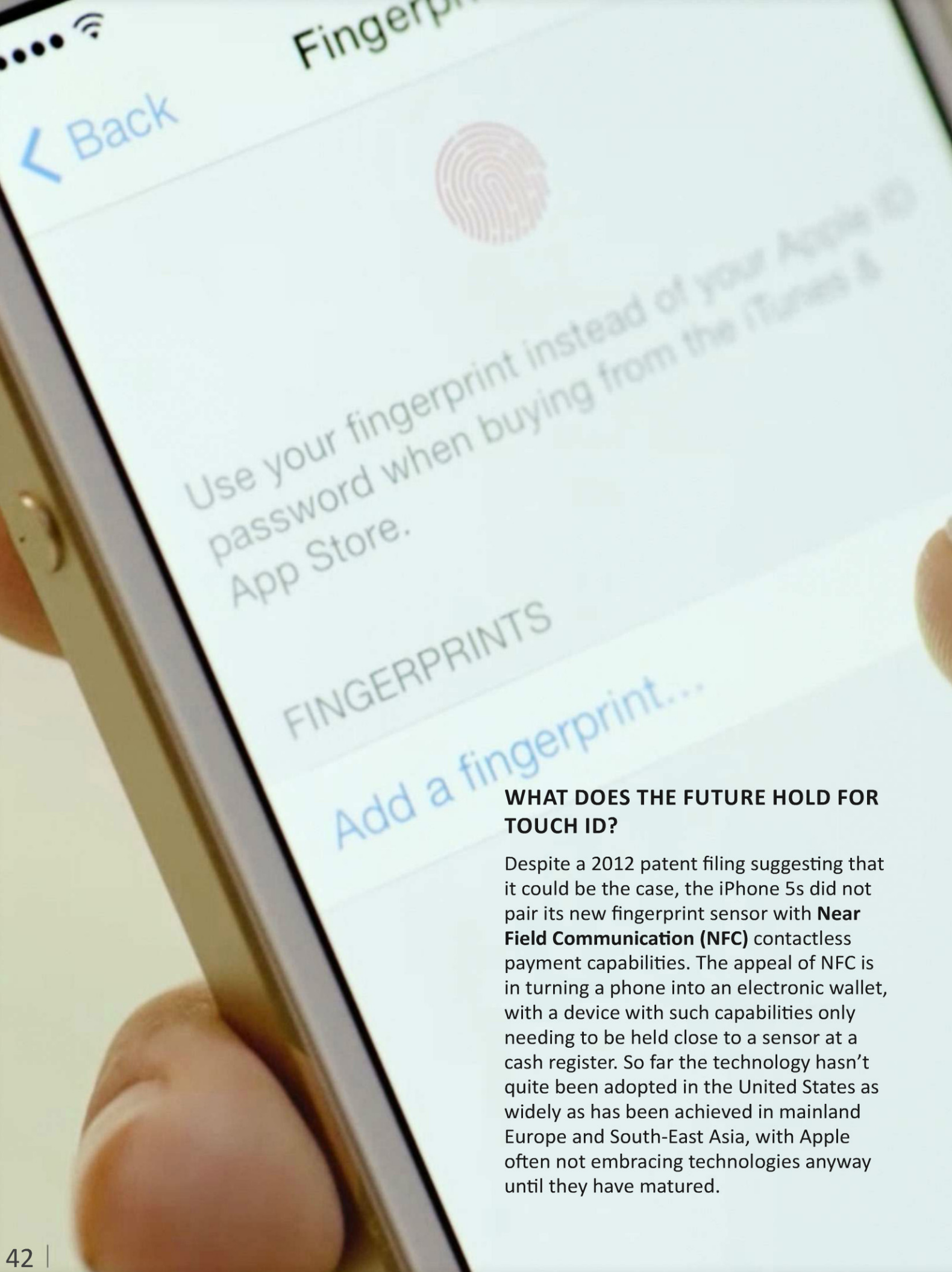






- even taking a fairly cynical view of the technology.

One thing that you certainly shouldn't need to fret about is a criminal **cutting off your fingers** when stealing your iPhone 5s - or at least, not a well-informed criminal. According to Sebastien Taveau, CTO of Validity Sensors, the technology is designed to require the use of a live finger if it is to work. That might have seemed an outlandish worry in the first place for some people, but hey - it's always good to dispel the myth.



WHAT DOES THE FUTURE HOLD FOR TOUCH ID?

Despite a 2012 patent filing suggesting that it could be the case, the iPhone 5s did not pair its new fingerprint sensor with **Near Field Communication (NFC)** contactless payment capabilities. The appeal of NFC is in turning a phone into an electronic wallet, with a device with such capabilities only needing to be held close to a sensor at a cash register. So far the technology hasn't quite been adopted in the United States as widely as has been achieved in mainland Europe and South-East Asia, with Apple often not embracing technologies anyway until they have matured.



That NFC was once again missing from the iPhone 5s's specification sheet should not be taken as a sign that it will never surface, not given the considerable convenience that contactless payment offers over either signature or chip-and-PIN. The boys at Cupertino may merely share the concerns of many of NFC's detractors about the risk of fraud, given the lack of means of verifying that the person using the phone is the actual owner.

Combining the technology - presently only able to be used on relatively small transactions - with a fingerprint sensor could eradicate this problem, ensuring that payments really are only made by the person who owns the device. We can't possibly know every application for Touch ID that Apple will embrace in the future, but of all of the possibilities, this one has to be a pretty safe bet. ■

by Benjamin Kerry & Gavin Lenaghan


ber 10



DC ENTERTAINMENT IS FRONT AND CENTER AT NEW YORK COMIC CON

75TH ANNIVERSARY OF SUPERMAN CELEBRATED WITH HISTORIC DISPLAY OF ICONIC FILM AND TELEVISION COSTUMES, MOVING DC ENTERTAINMENT BEYOND THE CONVENTION FLOOR



DC Entertainment, home of the World's Greatest Super Heroes and the comic book industry's most talented artists and writers, today announced a stellar program of New York Comic Con panels, signings, announcements and other events certain to excite fans of all ages, led by a jaw-dropping display of eight historic Superman costumes from the big and small screen in celebration of Superman's 75th Anniversary.

With an array of costumes previously worn by the likes of Christopher Reeve, Henry Cavill, Brandon Routh, Dean Cain and Tom Welling - the scope of this epic exhibit will expand the publisher's convention presence beyond the floor of the Jacob Javitz Center and into the building's public entryway - making DC's expanded footprint undeniable to convention attendees and the public at large, and making for a convention-wide 75th anniversary celebration of The Man of Steel. A star-studded panel honoring the Man of Steel and discussing the beloved character's many personifications, impressive history, and ongoing relevance within society and entertainment, is also in the works.

DC Entertainment will further put its stamp on this year's convention through appearances by some of the biggest creative names in the comic book industry - including the writers and artists from Batman, Green Lantern and Superman family of titles, MAD Magazine and many more. Legendary author Neil Gaiman's acclaimed SANDMAN series will also be a highlight as fans clamor for the first issue of THE SANDMAN: OVERTURE, a centerpiece of the ongoing reinvigoration of the Vertigo imprint. Additionally, for the first time DC will host over 50 creator









signings at an exclusive DC Entertainment area in the increasingly popular Artist Alley.

The largest English-language publisher in the world will continue to make its mark with a packed schedule of panels, and fantastic collection of additional appearances and signings, exclusive announcements and other events.

-- As their epic BATMAN: ZERO YEAR storyline expands into the rest of DC Comics - The New 52 and BATMAN VOL. 3: DEATH OF THE FAMILY prepares for its October release, superstar creators Scott Snyder and Greg Capullo will share the latest insider's view on The Caped Crusader and their unique creative process. A Batman panel featuring this "dynamic duo" and creators such as John Layman, Ann Nocenti, Peter Tomasi and James Tynion IV will be a convention highlight. Following this year's show, Snyder and Capullo will be the guests-of-honor at a Q&A and signing for BATMAN VOL. 3: DEATH OF THE FAMILY on Monday, October 14th at 7:00 p.m. the Union Square Barnes & Noble in NYC.

-- Set for release on October 30, Vertigo's THE SANDMAN: OVERTURE will also be a convention highlight as Neil Gaiman returns to the iconic comic book series that launched his career. Vertigo will be celebrating its 20th year in publishing through panels, signings and more, casting a spotlight on the imprint's horror, mythic fiction, and sci-fi titles - including the dark fantasy COFFIN HILL, the epic adventure HINTERKIND, and THE SANDMAN spin-off THE DEAD BOY DETECTIVES as well as the new series THE WAKE, TRILLIUM, FBP: FEDERAL BUREAU OF PHYSICS and more.


75
YEARS



-- Kicking off on October 2 and spanning across all GREEN LANTERN family titles throughout the month, the “Lights Out” crossover event will change the Green Lantern universe forever! Convention attendees will collect more behind-the-scenes knowledge on this ambitious storyline by attending the October 13 panel featuring creators Bernard Chang, Van Jensen, Justin Jordan, Charles Soule, Brad Walker, Robert Venditti and more. The storyline ties together every Lantern of every Corps who has ever appeared in any comic book - ever. Nothing is held back, and devoted fans will want to know more!

-- Fresh off the release of FOREVER EVIL #1, written by comic legend Geoff Johns with artwork by the infinitely talented David Finch, as well as the unprecedented “Villains Month” unveiling of 52 villain-centric 3-D Motion covers from across The New 52, fans will get the chance to learn more about the FOREVER EVIL storyline (and all of the dastardly villains that everyone loves to hate) at the Justice League - Forever Evil panel on Saturday, October 12. Boasting a collection of DC creators that includes Finch, Ray Fawkes, Matt Kindt, Joe Prado, Ivan Reis and more. Convention attendees will also get a sneak preview of the all-new documentary “Necessary Evil: Super-Villains of DC Comics,” which investigates the inner-workings of the most nefarious collection of baddies in comics history. Narrated by legendary film bad guy Christopher Lee, “Necessary Evil: Super-Villains of DC Comics” will be released by Warner Bros. Home Entertainment on October 25.

-- Get an inside look at INSIDE MAD, the hugely anticipated collection being released on October 29 from "The Usual Gang of Idiots" at MAD Magazine. Those looking to get an additional dose of the iconic magazine's acclaimed wit and snark can visit the Mad About MAD panel on October 12 - led by Editor John Ficarra and a laughter-inducing cast of characters.

-- A wide variety of exclusive offerings will be available throughout the weekend at this year's New York Comic Con - including giveaways throughout the weekend as well as FOREVER EVIL #1, BATMAN #24 and SUPERMAN/WONDER WOMAN #1 variant covers priced at $10 each. DC Collectibles also has two exciting convention exclusives lined up for New York, including a DC Nation: Super Best Friends Forever Poison Ivy statue and DC Super Heroes of Green Lantern 3.75" action figure two-pack featuring Hal Jordan and Blue Lantern Saint Walker. Each of these exclusive offerings will be available for sale at the DC Collectibles Boutique at the Graphitti Designs booth (#755).

-- Fans can get all the latest information on New York Comic Con and other DC Entertainment events by downloading the free DCE Events app for iOS and Android smartphone users. It's available for download today on Apple's App Store and the Google Play Store.

Can't make the Con? DC Entertainment's website is the go-to place for behind the scenes coverage and in-depth interviews. Visit the "Con Away From Con" page at **http://www.conawayfromcon.com**.



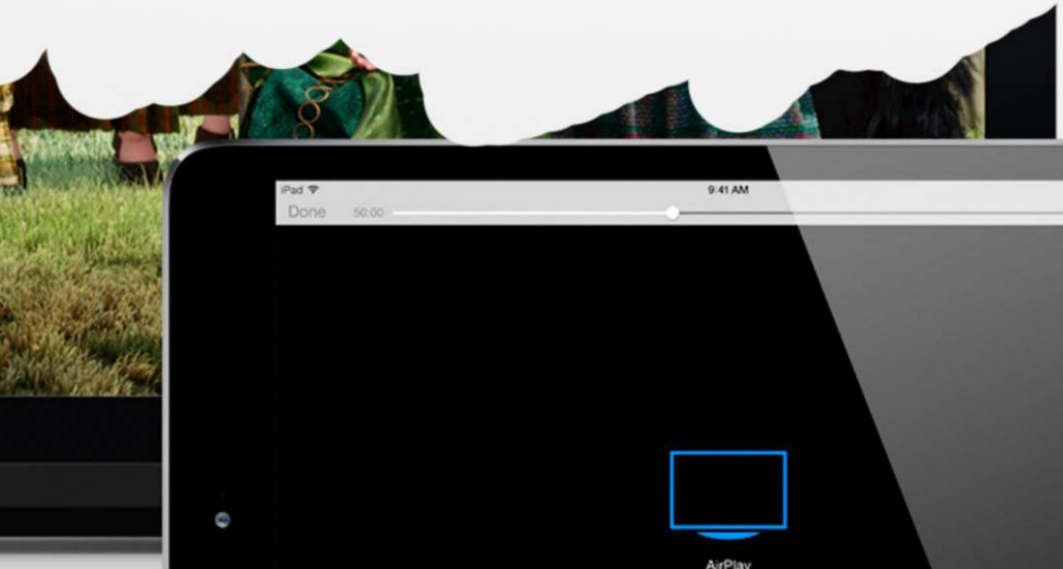



More



TO COME

October to Bring Additional Excitement







Still excited about the news of the iPhone 5c and iPhone 5s? Guess what? There is much more to come. That's right. New iPhones aren't the only exciting releases on Apple's horizon. Rumors galore are running rampant regarding what's next, with all this talk pointing to yet another big announcement in October, just a month away.

There were things promised at the Apple Keynote back in June, such as Maverick and the Mac Pro, and we still haven't seen those yet. October will mark a year since the fourth generation iPad and iPad Mini were introduced. Isn't it time for these items to be updated? Apple TV is showing up in the news as well, and what about the Apple television set and the iWatch? Could we be seeing those in October?

The ink from the iPhone news was barely even dry before rumors of a **new Apple TV** started making the rounds. Last updated in March of 2012, this product has since enjoyed some software improvements. The device is due for a hardware overhaul, if not at least an update. Apple TV has welcomed quite a few more channels, including Disney and the Weather Channel, mostly likely to combat Roku, Chromecast, and other set-top boxes.

Just a few days ago, as Apple released iOS 7, it also released **new software** for Apple TV. One change is to AirPlay. You can now play your iTunes content on other people's televisions thanks to an inventive feature enabled via iCloud. So what does that mean? You won't need the middleman of your iPhone or iPad anymore. There have also been more channels added to the device.

Exactly what is planned for the Apple TV hardware update is unknown. One suggestion is an **Xbox Kinect-like motion control** Apple has been testing. This feature may not be destined for Apple TV, however; instead,

motion control could be in line for the rumored Apple TV set. Another suggestion is that the set-top box will include the iPhone 5s' new A7 processor and the upcoming Mac Pro's 4K resolution output.

Of course, the hardware update isn't confirmed for October. Still, a hardware update makes sense to be in the works for Apple TV following the software update.

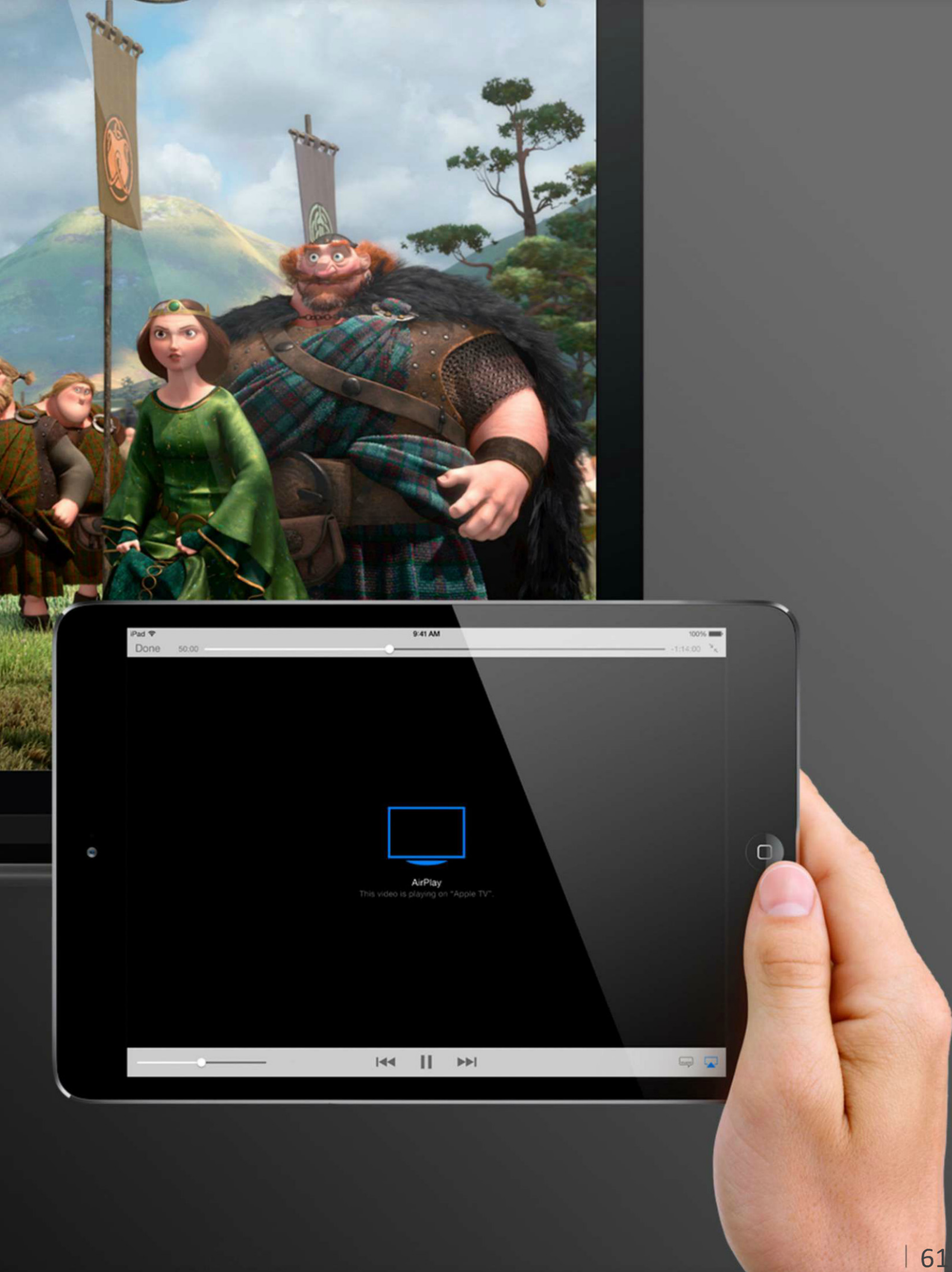
Also highly expected for an October announcement are upgrades to the iPad line, both the full-size version and the Mini. The iPad Mini was first introduced last October, and now the second generation is looking to possibly gain a Retina display.

According to **some reports**, a 7.9 inch screen with a resolution of 2,048 x 1,536 is being manufactured by AU Optronics. That would give this product the same resolution of the 4th generation iPad. But, when put on a smaller screen, that type of resolution would go further than needed to eliminate seeing individual pixels.

As is Apple's trend, another rumor states that the second generation iPad Mini will be looking at a slimmer design. However, much of the current size is because of the size of the battery, so it can't get too much slimmer. One suggestion is that a different screen could allow it to be thinner. Also, a different front glass and bezel could trim down this popular product by a few millimeters.

To go with the higher resolution screen, it's expected that the iPad Mini would also need a faster graphics processor. For that the suggestion is the A6X that was used in the fourth generation iPad, yet there's a chance it could receive the A7 that is going to be in the iPhone 5s and possibly the Apple TV. The iPad Mini line might also expand to include a 128GB model.



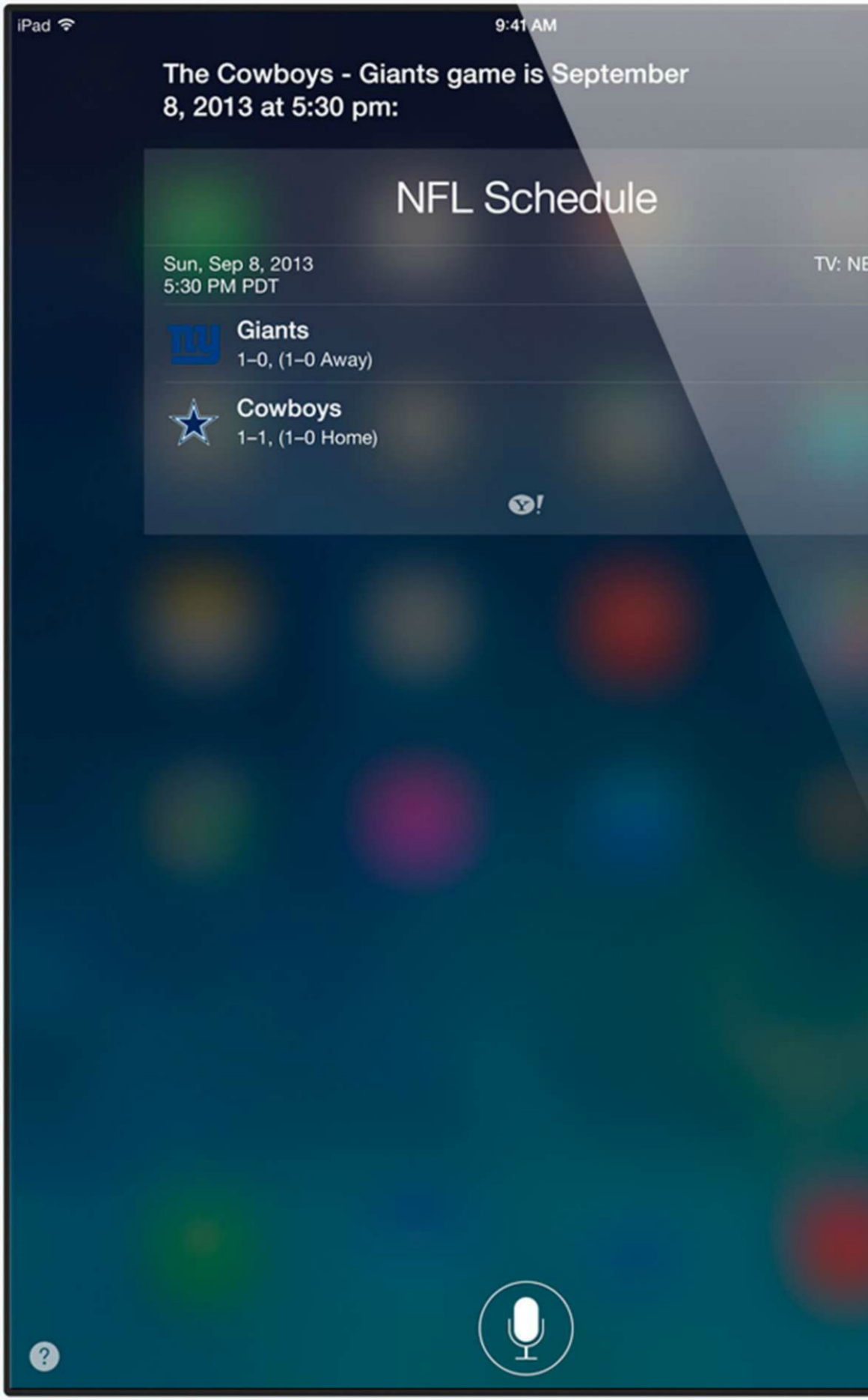

iPad
9:41 AM
100%
Done
50:00
-1:14:00
AirPlay
This video is playing on "Apple TV".

If the full-sized iPad is updated this year, it will actually be a full year in between updates. When updated last October, this version only experienced seven months between updates when the processor was changed and the Lightning connector added. Beyond that, the big news at that time was merely the introduction of the iPad Mini.

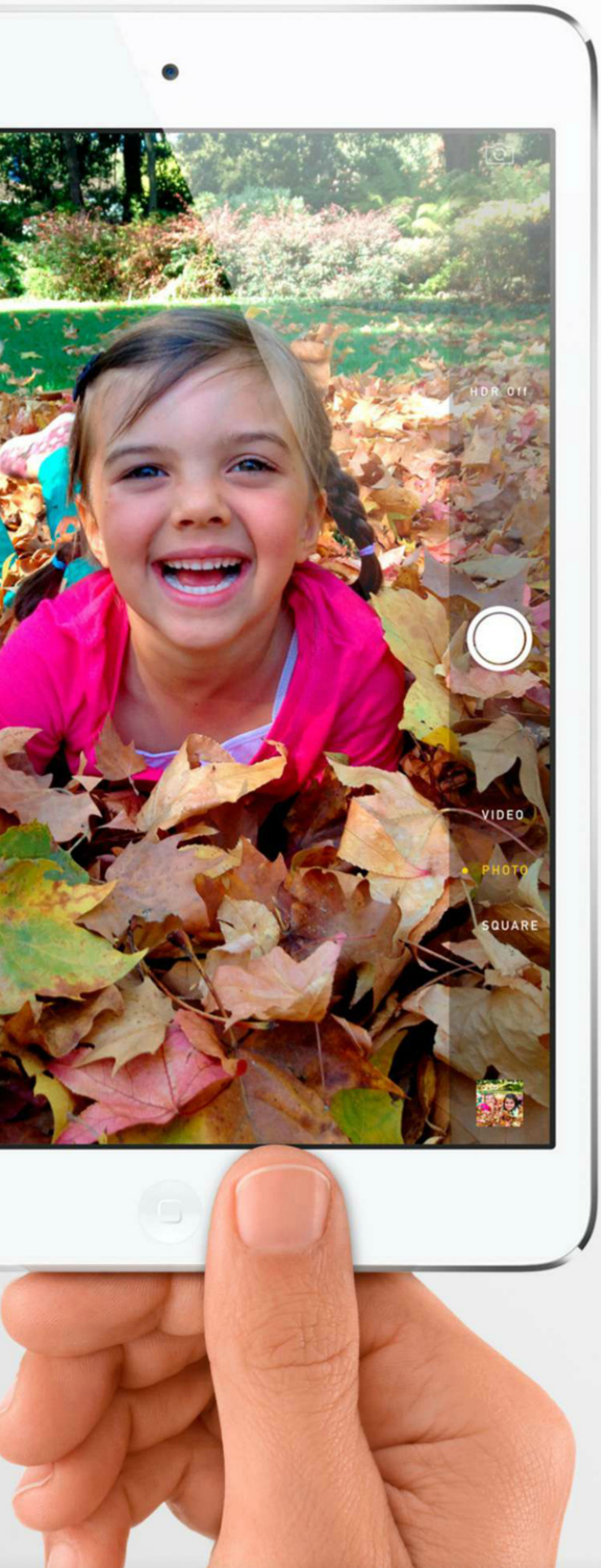
The fifth-generation iPad is expected to have the same screen at 9.7 inches and most likely the same resolution as well at 2,048 x 1,536. It won't make sense to improve the resolution, as it's already at the point of being a Retina display, so it's being suggested that like the camera in the iPhone 5s that is focusing on the quality of pixels instead of the number, that the focus on this newer iPad will be on the thickness of the screen as well as the quality. Meanwhile, the focus on this newer iPad will be the thickness as well as the quality of the screen. The thought is that by using the same screen technology utilized in the Mini, the fifth generation iPad will be twenty percent thinner than its predecessor.

As long as the newest iPad is ripping off ideas from the Mini, this trend may keep on going as design features are borrowed as well. Thanks to a **picture leak**, the fresh product is expected to possess narrower bezels as well as being substantially thinner. Additionally, some iPad cases showing up in various places across the Internet indicate the same change as the picture leak.

That said, have you seen people carrying their iPads around with them for the sole purpose of taking pictures? That practice is likely to continue with the camera expected to improve in the fifth-generation. The Apple tablet cameras are usually a generation behind those in the Apple mobile phones, so it's expected that the new iPad will get an 8-megapixel, rear-facing camera. Even better news is that this means in a year


iPad
9:41 AM
The Cowboys - Giants game is September 8, 2013 at 5:30 pm:
NFL Schedule
Sun, Sep 8, 2013
5:30 PM PDT
TV: NB
Giants
1–0, (1–0 Away)
Cowboys
1–1, (1–0 Home)


iPad
9:41 AM
End



from now they'll probably be releasing the sixth-generation iPad with the stunning new camera that will now be in the iPhone 5s.

The iPad and iPad Mini updates are purely speculation, as the potential aspects of these devices weren't mentioned at the Worldwide Developers' Conference this summer or this month at the iPhone event. Also, there are still two items we haven't heard about since the WWDC: Mavericks and the new Mac Pro. Will we see them in October?

According to **"sources with knowledge of the launch plans,"** OS X Mavericks is supposed to be launched at the end of October. This means it will probably be mentioned during the announcement for the Apple TV, iPad, and iPad Mini, and that OS X Mavericks will then be released to the public a week or two later.

As a reminder of what we were shown at the WWDC, you will now be able to read your iBooks on your Mac. As it continues to look more and more like Apple is intending for OS X to be more like iOS than not, iBooks will work just the same as it does on mobile devices, and everything will be kept in sync via iCloud.

And to keep with the theme, there will now be a Maps app in Mavericks. You'll be able to send any maps you discover on your Mac to your iPhone to find your way to your destination. Additionally the calendar gets a new look reminding us more of the calendars in iOS. Safari is set for improvements, too, with a new sidebar for social networking and a new way to find top sites and to organize your favorites. To help save battery usage, web pages operating in the background won't be wasting energy as these pages won't be displaying until you actually need to use them.

Multiple displays will work much better in Mavericks; they'll be much more useful. There won't be a primary or secondary display anymore. Instead, both will display their

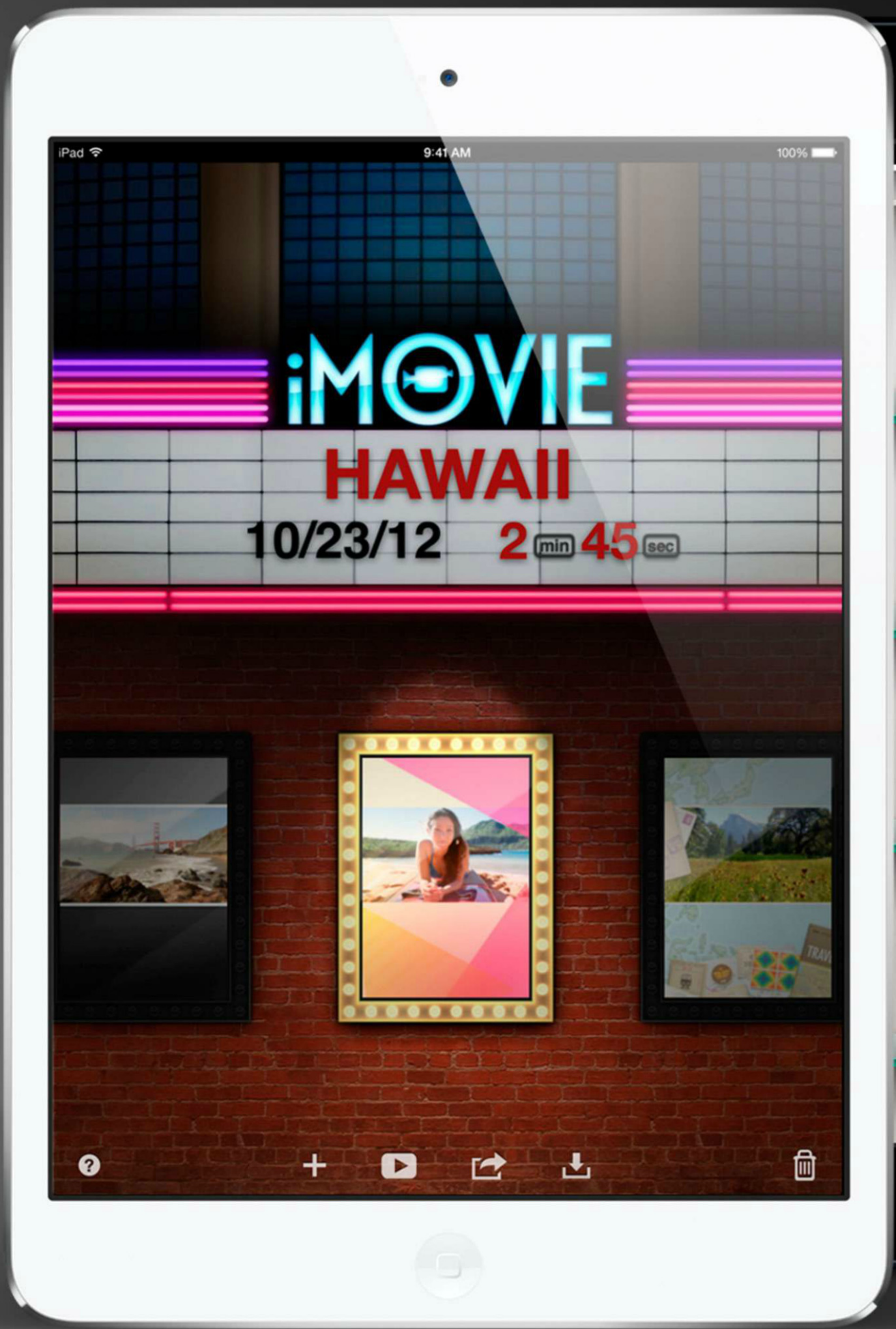
own menu bars with the Dock showing up on whichever display you're working on. You can coordinate these in any way you wish - with apps on one and a desktop on the other, different apps on different screens, etc. With Notifications on these displays you'll now be able to interact with your messages, FaceTime calls, emails, etc. You will even be able to get news and sports scores included in your Notifications. The files will also be easier to find since you'll be able to apply Tags. But the best thing you will find showing up on your displays will be Finder Tabs. There will be no need for multiple windows anymore. You can keep them in tabs, just as you do with Safari.

You may remember hearing about iCloud KeyChain as part of iOS 7 and OS X Mavericks. This sounded great, as the service would allow you to keep all your passwords in sync and saved across all your devices. In addition, the product would save credit card info, keeping all of that under one password. However, this change has disappeared from the iOS 7 beta, and Apple's website now labels iCloud Keychain as "coming soon." **Experts** suggest that maybe the feature is being withheld from iOS 7 until Mavericks makes its debut.

That leaves us with the new Mac Pro. We had a great tease at the WWDC, but that was all it was. Just a tease. The Apple website is still teasing us, telling us "later this year." This leads to the belief we won't be seeing it in October, but instead in time for holiday shopping, a sure bet.

Mostly what we know about the Mac Pro is that the machine will enjoy a big power boost, exactly what you need and want out of your Pro. Without going through all the very technical details, this new and improved version will be up to two times faster in processor speed than the previous version, will have two times the memory bandwidth, almost three times the GPU performance,




iPad
9:41 AM
100%
iMOVIE
HAWAII
10/23/12
2 min 45 sec



and flash storage that is up to two-and-a-half times faster that SATA-based solid-state drives. The new version promises to be very expandable, with Thunderbolt 2, USB 3, Gigabit Ethernet, and HDMI 1. 4 ports. All that, yet this computer measures just 9.9 inches tall and 6.6 inches in diameter, fitting perfectly on your desktop.

All of this could lead to a lot of stunning announcements coming out of Cupertino next month – Apple TV, two iPads, Mavericks, and possibly the Mac Pro. These possibilities lack definitive information but seem to be pointing towards us not seeing an iWatch or Apple television set at this point. The California company has enough to accomplish on what seems to be a very tight deadline. Will we see all of these other items next month? Rumors are saying October 15 could be the big day. If it is, you can bet Apple will still find a way to make whatever they do release very exciting no matter how many of these items actually end up debuting. ■

by Laura Tucker


Messages
Weather
Reminders
App Store



iPHONE 5c: CAN THE NEW 'AFFORDABLE' iPHONE GRAB CONSUMER ATTENTION IN INDIA?

The iPhone 5C marks a departure from Apple Inc's focus on purely premium phones, but not as much as some expected. It has proved pricier than expected and is, in fact, a trimmed-down version of the iPhone 5 launched a year back. To add to the heartburn among Indian customers, there is no mention as to when it will be made available here

Come September and gadget lovers (die-hard Apple fans in particular) from around the world wait to hear on what's new from the Apple headquarters in Cupertino, about 45 miles south of San Francisco. Last Tuesday, Apple launched two new iPhones: the iPhone 5s and the iPhone 5C. Apple fans in the country are, however, a disenchanted lot; they rue the non-availability of the company's latest gizmos here. There is no mention as to when both the devices will be made available in India, one of the major reasons why Apple's market share has always been in the range of 2-3% in the country, in terms of unit shipments. For early adopters, the only choice is to get them from abroad, or procure them from the grey market.

First, a look at the two announcements. To be fair to Apple, the company has always designed some of the best smartphones in the world. Its iPhone 5s sets a new standard for smartphones with its new 64-bit A7 processor, which promises to provide blazing-fast performance when launching apps, editing photos, or playing graphic-intensive games. It also features an all-new 8-megapixel iSight camera and introduces the Touch ID fingerprint sensor, which allows you to securely unlock your phone with the touch of your finger.

But it is the "affordable" iPhone 5C series that has raised eyebrows in industry circles. By and large, there has been disappointment starting from the price to many other features of this so-called most colourful iPhone yet, in five colours"blue, green, pink, yellow, and white.





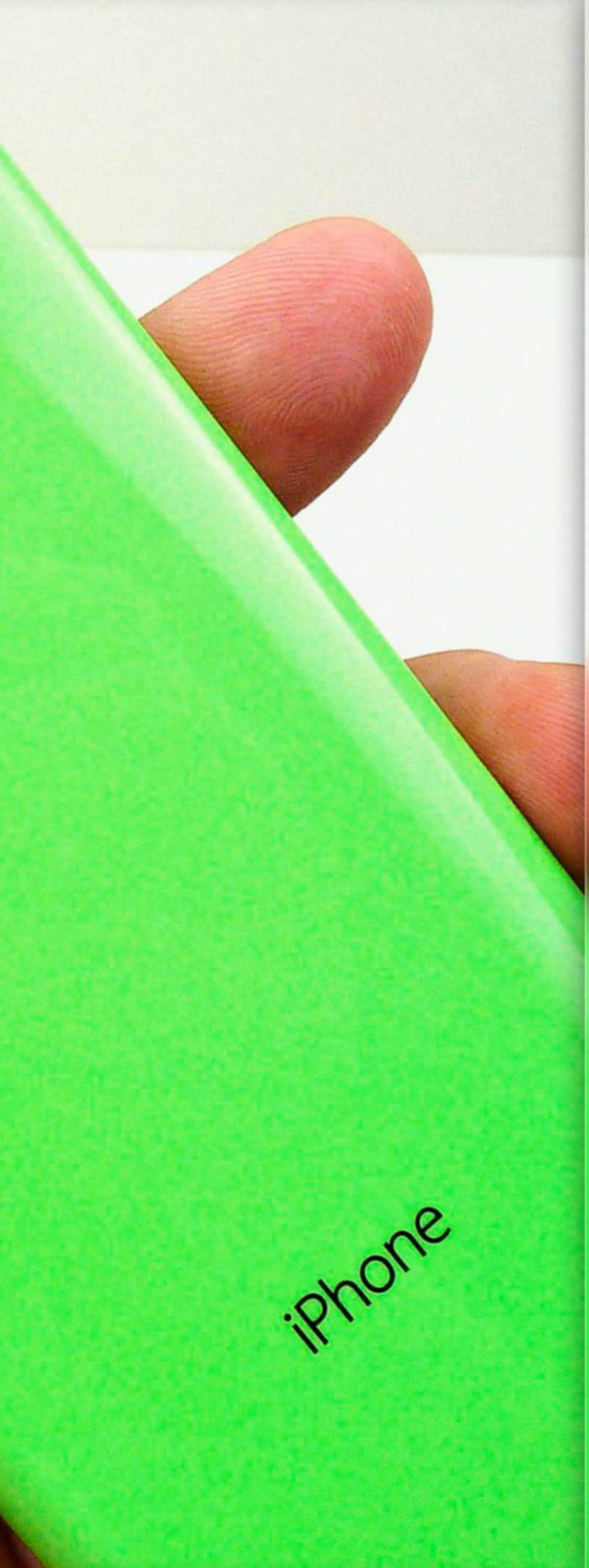
"While iPhone 5s has some new features that will catch consumers" eyes, the much-awaited smartphone for emerging markets, 5C is a definite disappointment on the pricing front. Indian consumers would have welcomed a device in the range of R20,000-R25,000. At $549 (without contract), the iPhone 5C is not going to help Apple improve its market ranking in India," says Faisal Kawoosa, lead analyst, CMR telecoms practice.

Although Apple has made it clear that the new iPhone 5C is a colourful version of the earlier model iPhone 5 without many software changes, this is the smartphone through which Apple will target emerging markets like China, India, Brazil, African continent and other countries, positioning it as a more affordable, colourful, cut-down version of the flagship model. Worldwide mobile phone sales to end users totaled 435 million units in the second quarter of 2013, an increase of 3.6% from the same period last year, according to Gartner. Worldwide smartphone sales to end users reached 225 million units, up 46.5% from the second quarter of 2012.

"Smartphones accounted for 51.8% of mobile phone sales in the second quarter of 2013, resulting in smartphone sales surpassing feature phone sales for the first time," said Anshul Gupta, principal research analyst at Gartner. Asia/Pacific, Latin America and Eastern Europe exhibited the highest smartphone growth rates of 74.1%, 55.7% and 31.6% respectively, as smartphone sales grew in all regions.

Samsung maintained the No. 1 position in the global smartphone market, as its share of smartphone sales reached 31.7%, up from 29.7% in the second quarter of 2012 (see Table). Apple's smartphone sales reached 32 million units in the second quarter of 2013, up 10.2% from a year ago.





A close scrutiny of the market reveals that India registered 221.6 million mobile handset shipments for CY (January-December) 2012. During the same period, 15.2 million smartphones were shipped in the country. According to CMR, for the period January-April 2013, India registered 73.5 million mobile handset shipments, a growth of 11.1% year-on-year. During the same period, 9.4 million smartphones were shipped in the country, a growth of 167.3% on an annual basis.

Seasoned industry watchers inform that Apple first fulfills the demand for its newly launched products in the US, Australia, Canada, France, Germany, Japan, Singapore and the UK. It is only when the sales dwindle a bit in these markets that Apple considers a launch in other markets.

In comparison to Apple, other players such as Samsung, Nokia, HTC, Sony and BlackBerry have always maintained a sustained marketing and promotion drive to grab the consumer's attention here. India is in the list of top countries for these handset vendors globally and a place where their latest devices are introduced quickly"if not simultaneously along with the global launch. BlackBerry launched three new BB10 smartphones this year, the touchscreen Z10 device and then the Q10, as well as a less expensive Q5 keyboard device. Last week, it unveiled one more lower-priced BlackBerry 9720 smartphone in India. The product is priced at R15,990.

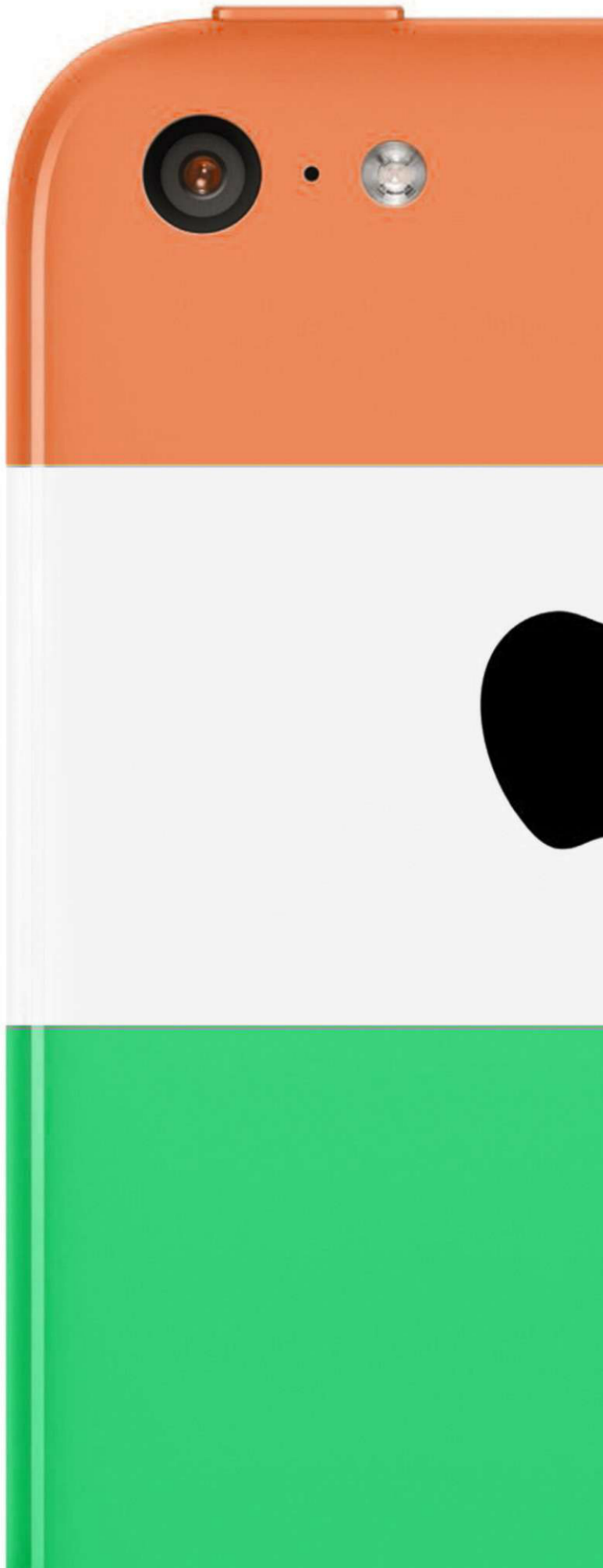
Sunil Lalvani, managing director for India at BlackBerry, says, "This new smartphone provides an ideal choice for urban youth and customers who are looking to upgrade from a feature phone or existing BlackBerry Curve smartphone to an affordable, easy-to-use smartphone with rich messaging and social networking connectivity. India is the second fastest growing smartphone market in the world. There are about 650

million mobile users here of which only 12% are using a smartphone. There is tremendous opportunity for growth, not only for us but for our competitors as well."

According to Faisal Siddiqui, country head, HTC India, the smartphones category is showing promising growth in the country. The market is expected to grow at 60-80% for the next 3-4 years. A large number of featurephone users are migrating to entry-level smartphones. This is attracting a number of players to start offering smartphones, particularly for entry level users who would like to migrate to a more sophisticated mobile experience. "At HTC, the plan for the Indian market is to bring different types of handsets at affordable rates to the varied consumer portfolio. We plan to expand our distribution network and service centres across India."

Back to Apple. Tarun Pathak, assistant manager, telecoms practice, CMR says, "I don"t think the iPhone 5C will be able to win over new customers in geographies such as India, China, Latin America, Russia, with a model that boasts multiple colours as a USP. It is in fact a trimmed-down version of the older model launched a year back at a price per unit which is almost two times." In his opinion, apart from pricing, other specifications such as screen size will go against Apple, as people in emerging markets have shown a strong preference for the bigger screen size "phablet" devices (5-inches to 7-inches) in the last few quarters. The entry-level Android operating system-based smartphone models in these emerging markets will easily beat the Apple 5C, with its current specifications. "I feel the launch of a new model like the iPhone 5c does not really serve any clear purpose."

Apple's efforts to stand out in a crowded field of smartphones will come to a naught if the endeavour is not followed by efficient execution of a business strategy that is specific to India.




Messages
Weather
Notes
Newsstand
ART
TRAVEL
SPORTS



iTunes Review

Movies & TV Shows

Rotten **Tomatoes**
CERTIFIED FRESH
84%

This Is The End



iTunes Preview

by Evan Goldberg &
Seth Rogen
Genre: Action & Adventure
Released: 2013
Price: $17.99

★★★★½
170 Ratings

Jay Baruchel and Seth Rogen play friends just as they are in real life. While Jay is visiting Hollywood, Seth recommends going to a party at James Franco's house. During the party the apocalypse strikes. People start getting sucked up in blue rays, and Jay and Seth seek refuge in James' house with Craig Robinson, Jonah Hill, and Danny McBride. The guys have to survive with mainly just drugs and figure out why they weren't saved by the blue beams while demons run rampant on the Earth.

FIVE FACTS:

1. There are guest appearances by Aziz Ansari, Rihanna, Paul Rudd, Emma Watson, Michael Cera, and Mindy Kaling.

2. The movie is based on Jay and Seth Versus the Apocalypse, a 2007 short film.

3. The movie was originally named The End of the World.

4. Seth Rogen released this with his writing partner Evan Goldberg.

5. There is a scene that pays homage to the rope scene in Frank Darabont's The Mist.

See more in iTunes

The Croods

In this adventure of cavemen who lose their lovely cave dwelling in an earthquake, with no other logical moves on the horizon, they set out on their biggest adventure to date for an ultimate refuge. On their journey they face beautiful landscapes, crazy creatures, and find out the true meaning of survival of the fittest. Nicolas Cage stars in this Dreamworks film.

FIVE FACTS:

1. The cast includes the new breakout star Emma Stone as well as Ryan Reynolds.

2. The film was originally supposed to go to Aardman, the men behind Wallace and Gromit.

3. The writers love the work by Aardman, but the CGI and 3D required was better handled by Dreamworks.

4. There are noted similarities between this film and Pixar's Brave.

5. Director Chris Snders found building the "world" the toughest part of the movie, as it was organic and very labor-intensive.

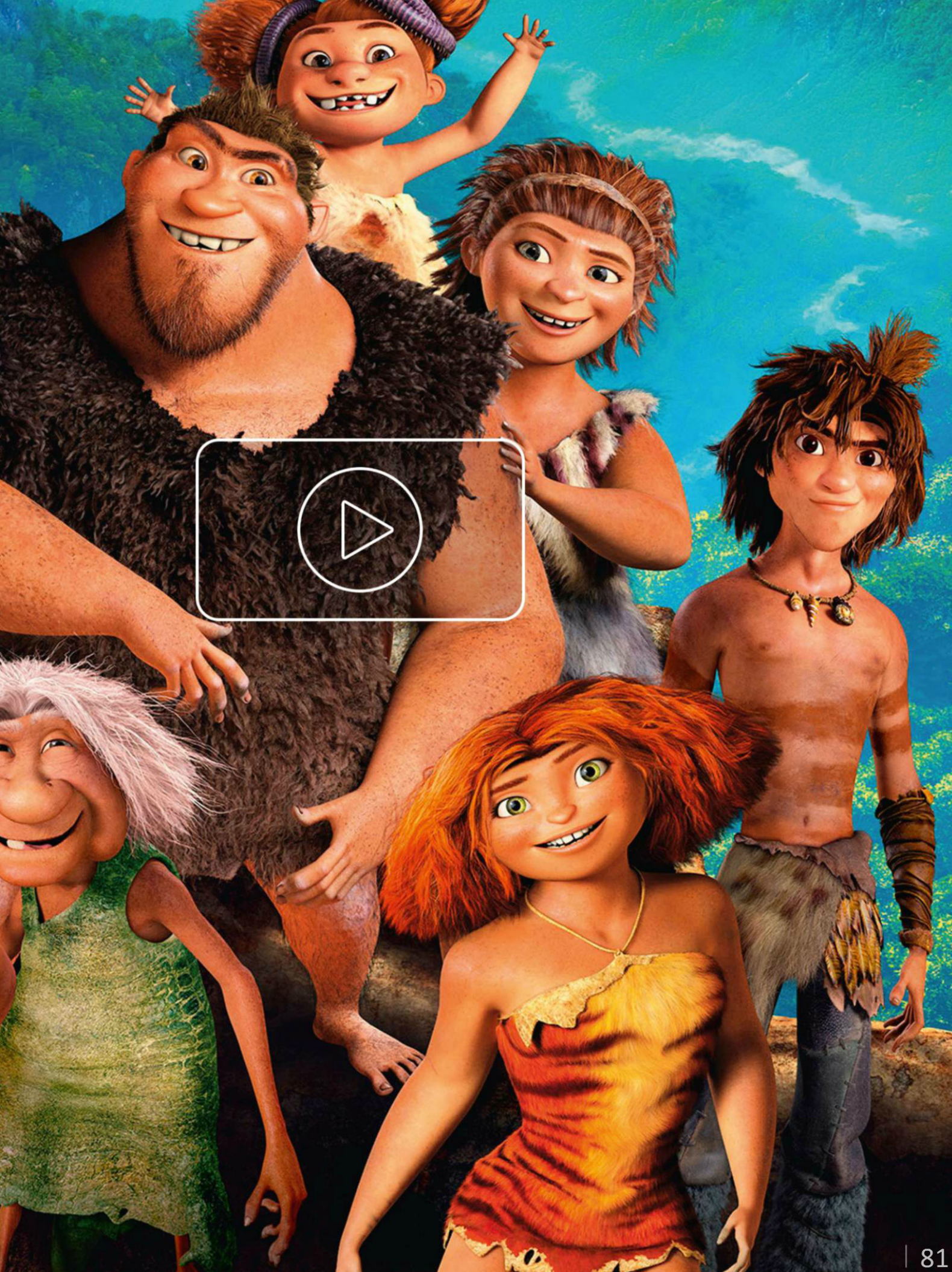


iTunes Preview

by Chris Sanders & Kirk DeMicco
Genre: Kids & Family
Released: 2013
Price: $14.99

★★★★★
129 Ratings

Rotten **Tomatoes**
CERTIFIED FRESH
69%



Jayne Mansfield's Car

This drama centers around Jim Caldwell and Kingsley Bedford, two men brought together by a dead woman they were both married to. These two families meet for the first time at the Caldwell residence in Alabama with "uneasy New Releaseiosity." Cultures of the 1960s clash, creating heartwarmingly funny struggles as the families face old problems and family secrets that have come to the surface. Robert Duvall and Billy Bob Thornton star.

FIVE FACTS:

1. Jayne Mansfield was an actress and Playboy Playmate and nicknamed The Working Man's Monroe.

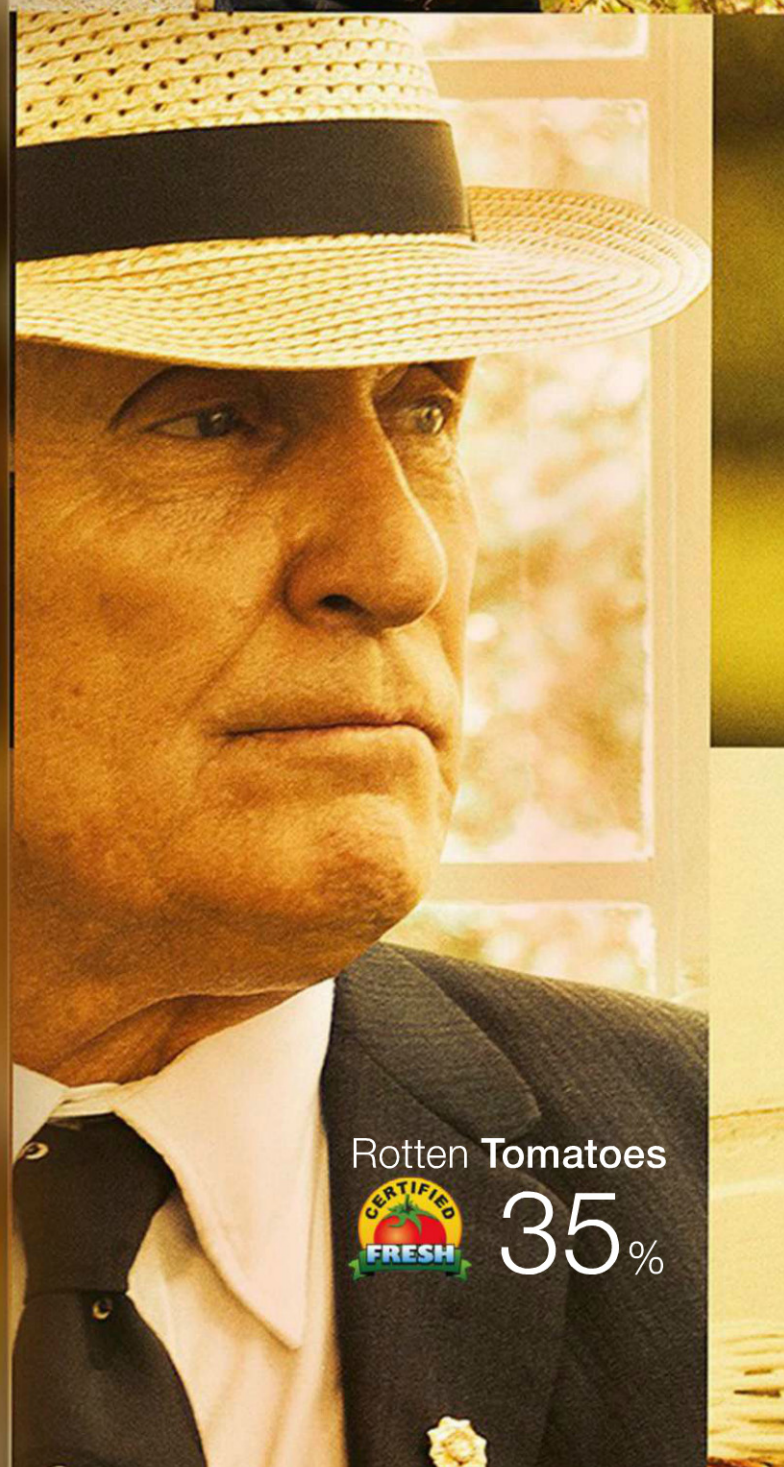
2. Thornton wanted to make a movie about "how the psychological effects of war manifest themselves in a family."

3. Along with filmmakers, Thornton's influences also include homegrown novelists because of the interests of his mother and grandmother.

4. Robert Duvall's character is based on Thornton's father.

5. Thornton chose to end the film the way he did because he wanted to "have some balls and say what I feel in terms of making a motion picture."







iTunes Preview

by Billy Bob Thornton
Genre: Drama
Released: 2013
Price: $6.99

★★★★½
59 Ratings

Disconnect

A lawyer who can't ever seem to put down his cell phone has problems communicating with his family. An innocent couple ends up drawn into an online scandal where all their secrets become exposed. An ex cop's son is a cyber-bully to another classmate while his father is widowed. A young journalist finds a story in a teen who takes part in adult porno sites. Their stories come together in this dramatic thriller of an electronic worldly nightmare.

FIVE FACTS:

1. This movie stars Jason Bateman, Hope Davis, and Frank Grillo.

2. Disconnected was directed by Henry Alex Rubin, who also did Murderball, Girl, Interrupted, and Who Is Henry Jaglom?

3. Bateman looked at picture of his kids on his iPhone to find tears while in character.

4. Being a product of TV himself, Bateman does not have a problem with his kids watching TV or using technology, feeling it can be educational.

5. Bateman sees technology and social media as a more efficient way to communicate.





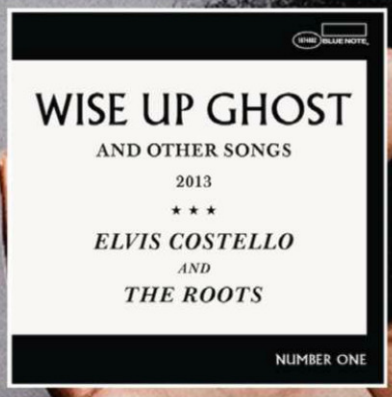
iTunes Preview

by Henry Alex Rubin
Genre: Drama
Released: 2013
Price: $14.99

★★★★½
9 Ratings

Rotten **Tomatoes**
CERTIFIED FRESH
67%


iTunes
Review
Music



iTunes Preview

Genre: Alternative
Released: Sep 17, 2013
15 Songs
Price: $14.99

★★★★★
63 Ratings

Wise Up Ghost

Elvis Costello

The Roots are a great groove band in the last twenty years easily. Their Ability to shape songs and design music reveals the music genius these men display. In this new alternative album, it always gives you a great spin on the songs on there, and who couldn't use some smooth jam band playing in their lives?

FIVE FACTS:

1. Costello's first record was released in 1977, coming off the new wave/punk explosion.

2. He started with his old rock songs, with other roots from country, Tin Pan Alley pop and reggae, just to name a few musical genres.

3. Costello used to be a computer programmer in the early 70's, performing in folk clubs as D.P. Costello, and in 1976 became the lead singer of Flip City.

4. The Roots' bassist, Nick Lowe, who used to be the bassist for Brinsley Schwarz, started producing to help Costello with his debut record.

5. Costello's first album, My Aim Is True, reached number 14 on the British charts by the summer of 1977.

See more in iTunes

From Here to Now to You

Jack Johnson

This brand new rock album has Johnson's Hawaiian roots apparent through and through. His songs prove to be beautiful like always, and this long-awaited album already has his fans excited for its release. His surfing music is less than perfect release time, yet he was a champion surfer on the pro circuit, which means these songs are great for the summer jams.



iTunes Preview

Genre: Rock
Released: Sep 17, 2013
12 Songs
Price: $11.99

★★★★½
1061 Ratings

FIVE FACTS:

1. Johnson used to be a champion surfer on the pro circuit but encountered a serious surfing accident in his first professional competition.

2. Jack studied cinematography in college.

3. In college, Johnson made a surfing documentary named Thicker Than Water.

4. Johnson's debut album, Brushfire Fairytales, had a cameo with Ben Harper.

5. Even in his heaviest time for touring, Johnson made sure that he still had plenty of time for surfing and enjoyment with his family.



AM

Artic Monkeys

AM is the fifth album from the Sheffield rockers, the Artic Mokeys. The album is produced by James Ford and features his songs Do I Wanna Know? and R U Mine? Following up to 2011's Suck It and See, this is the band's heaviest work and also their boldest to date. They found a way to maintain their catchy melodies and infectious grooves for this new amazing album.

FIVE FACTS:

1. The band combines and reinvents the sounds of Franz Ferdinand, the Clash, the Strokes, and the Libertines into an awesome eclectic mix of indie rock and neo-punk.

2. Whatever People Say I Am, That's What I'm Not, Arctic Monkeys' first studio album, became the quickest selling debut album in the history of Britain.

3. Frontman Alex Turner and guitaristJamie Cook both began their interest in music after getting guitars for Christmas in 2001.

4. With no record label originally, Arctic Monkeys released their homemade stuff on the Internet to get a sizable fanbase.

5. The debut album by the Arctic Monkeys sold approximately 300,000 copies in America.





Hits Back

The Clash

This greatest hits album has thirty-two great songs as well as ten music videos of some of the greatest hits to ever be released by the Clash. Definitive British punk rockers, they are fiery and idealistic with a leftist political ideology infused. Being influenced by the Ramones, the Sex Pistols, and The Who, this band went on to influence Rage Against the Machine, Generation X, and U2.



iTunes Preview

Genre: Alternative Rock
Released: Aug 23, 2013
42 Songs
Price: $14.99

★★★★★
15 Ratings

FIVE FACTS:

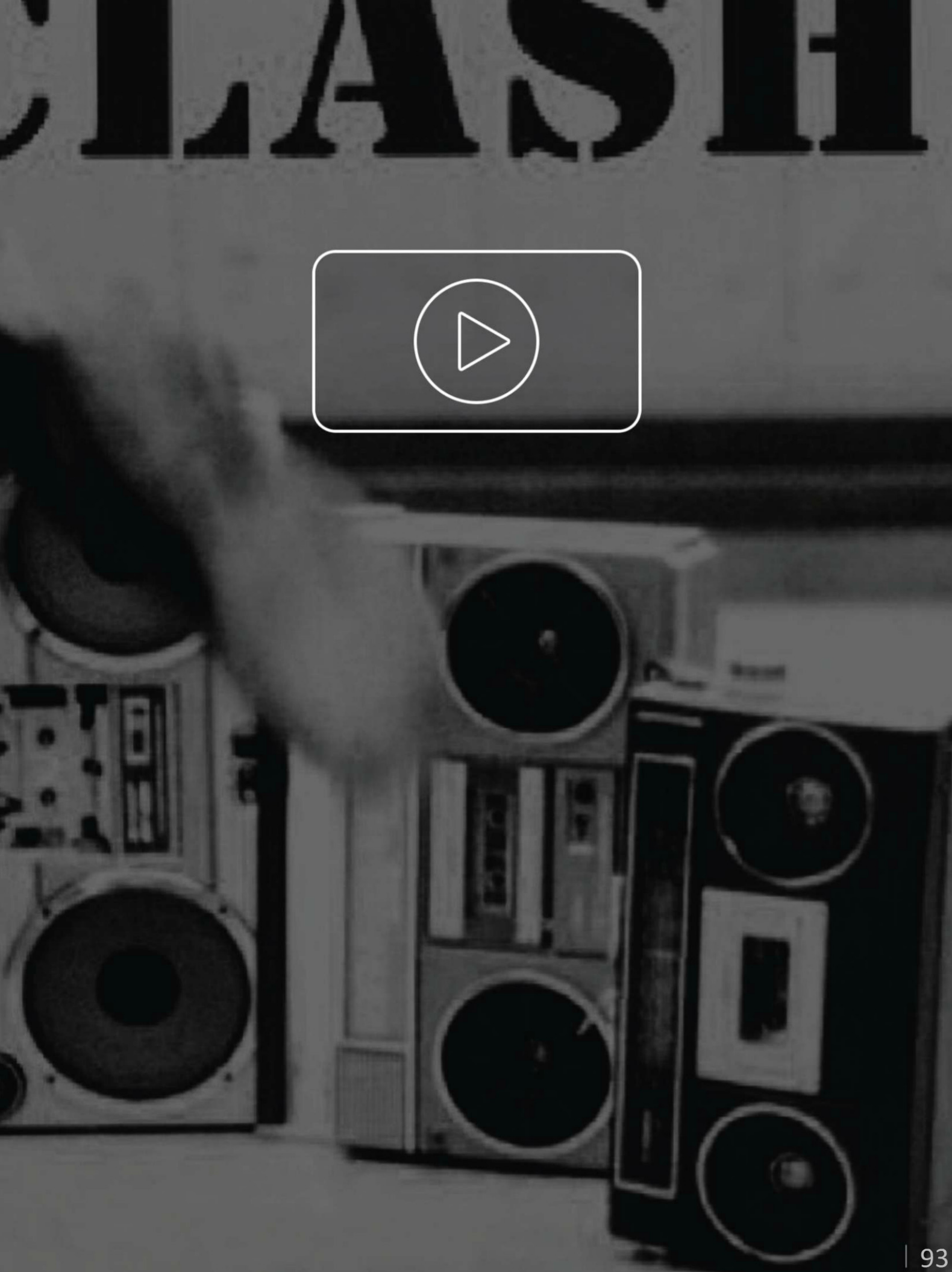
1. The Clash had 2 singer-songwriters in Joe Strummer as well as Mick Jones.

2. The band had a big classic outlaw imagery, made out to be rebels with a cause.

3. The Clash finally broke into the American market in 1982.

4. Restoring passion as well as protest to rock and roll, is The Clash's greatest accomplishment by far.

5. Despite their rebel sounds, the band has very traditional roots.


CLASH

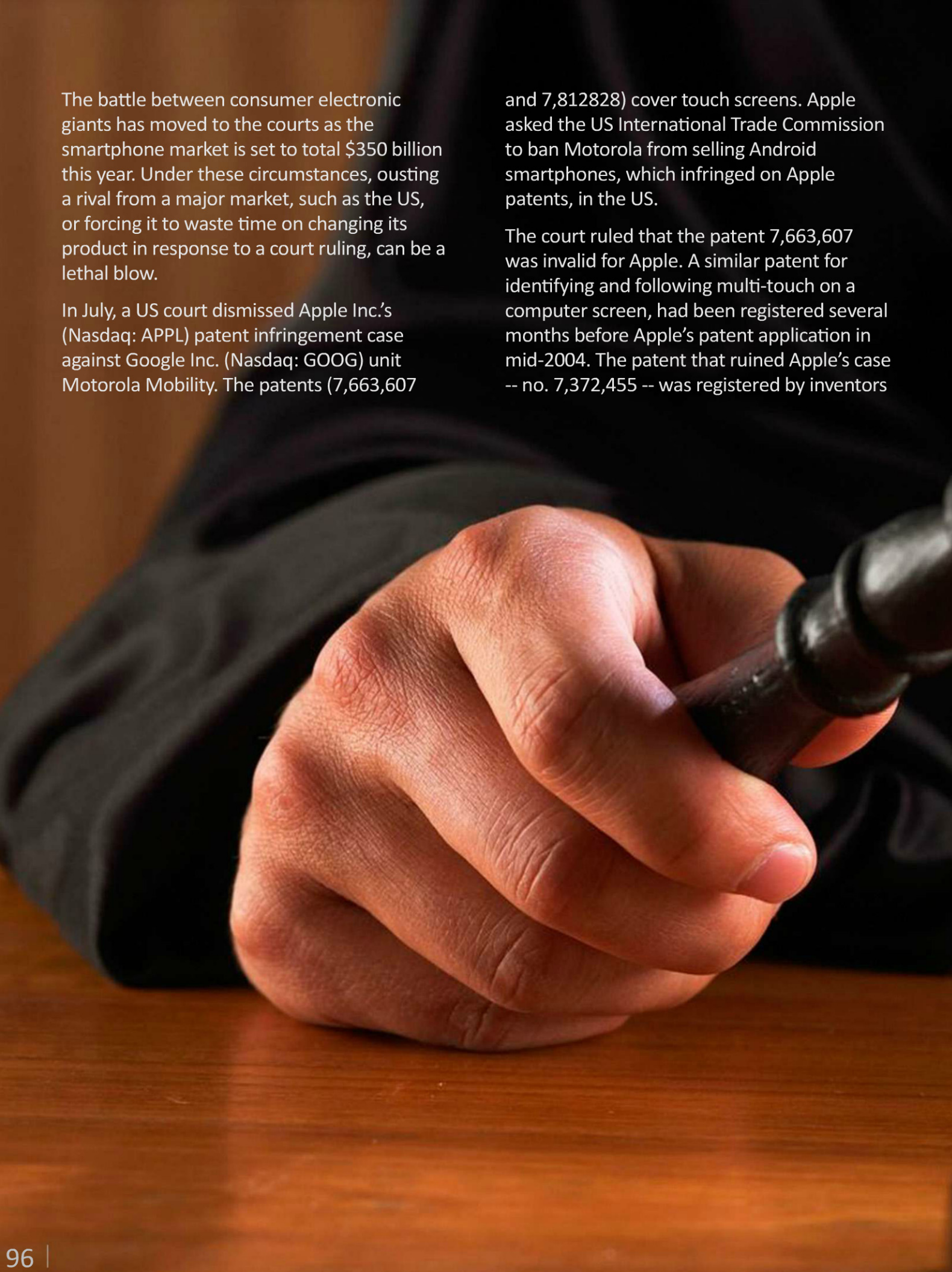



N-trig's Patents Interest
Apple and Google

The battle between consumer electronic giants has moved to the courts as the smartphone market is set to total $350 billion this year. Under these circumstances, ousting a rival from a major market, such as the US, or forcing it to waste time on changing its product in response to a court ruling, can be a lethal blow.

In July, a US court dismissed Apple Inc.'s (Nasdaq: APPL) patent infringement case against Google Inc. (Nasdaq: GOOG) unit Motorola Mobility. The patents (7,663,607 and 7,812828) cover touch screens. Apple asked the US International Trade Commission to ban Motorola from selling Android smartphones, which infringed on Apple patents, in the US.

The court ruled that the patent 7,663,607 was invalid for Apple. A similar patent for identifying and following multi-touch on a computer screen, had been registered several months before Apple's patent application in mid-2004. The patent that ruined Apple's case -- no. 7,372,455 -- was registered by inventors





Dr. Meir Morag and Haim Perski through N-trig Ltd., which Morag had founded in 1999 to develop touch screens.

Thus, unintentionally, N-trig became a critical factor in the smartphone struggle. The irony is that N-trig never intended to be there. The company, which now develops active pen and touch solutions for computers and mobile phones, did not start out in the mobile business.

For most of the past ten years, N-trig's development was based on its ability to provide PC touch screens. The technology indirectly helped Motorola Mobility.

The dismissal of the Apple-Motorola patent infringement case provided a glimpse into the battle between the electronics giants, and provides an interesting perspective about an outside player -- N-trig in this case -- which encountered a new opportunity to leverage the company. The company has not achieved its expectations in the past few years.

According to IVC, N-trig had $90 million in sales in 2012, but this was apparently insufficient to maintain stable profitability.

The significance of "infringement" to Apple in the lawsuit is no small matter. According to Finnegan, Henderson, Farabow, Garrett & Dunner LLC partner Jeffrey Berkowitz estimates that the case cost Apple $3-5 million in legal fees. "We assume that the patent owners have the wherewithal and choose the most important claims, which will enable them to cause the most damage to their rivals, If they lose, they lose their big guns," he told "Globes".

The significance for Apple goes beyond the technical loss to Motorola Mobility. As a result of the failure, Apple cannot claim infringement of this patent, which had been considered a strong one, against other rivals.

The question is what does this testimony mean what can it contribute to the success of N-trig? Over the years, parties in huge smartphone lawsuits have strategic acquisitions on the patent side. Google acquired Motorola Mobility, emphasizing its patent portfolio; HTC Corporation (TWSE: 2498) acquired S3 Graphics for its patents, and in the latest deal, Microsoft Corporation's (Nasdaq: MSFT) acquisition of Nokia Corporation's (NYSE; OMX: NOK) mobile phone business, patents played a major role.

The fact that N-trig registered its patent before Apple could trigger an acquisition offer from either Apple or Google.

So far as is known, neither of the parties in the case have made a formal offer for N-trig, but there may have been strategic talks. Sources inform "Globes" that, in the past year, N-trig executives have visited



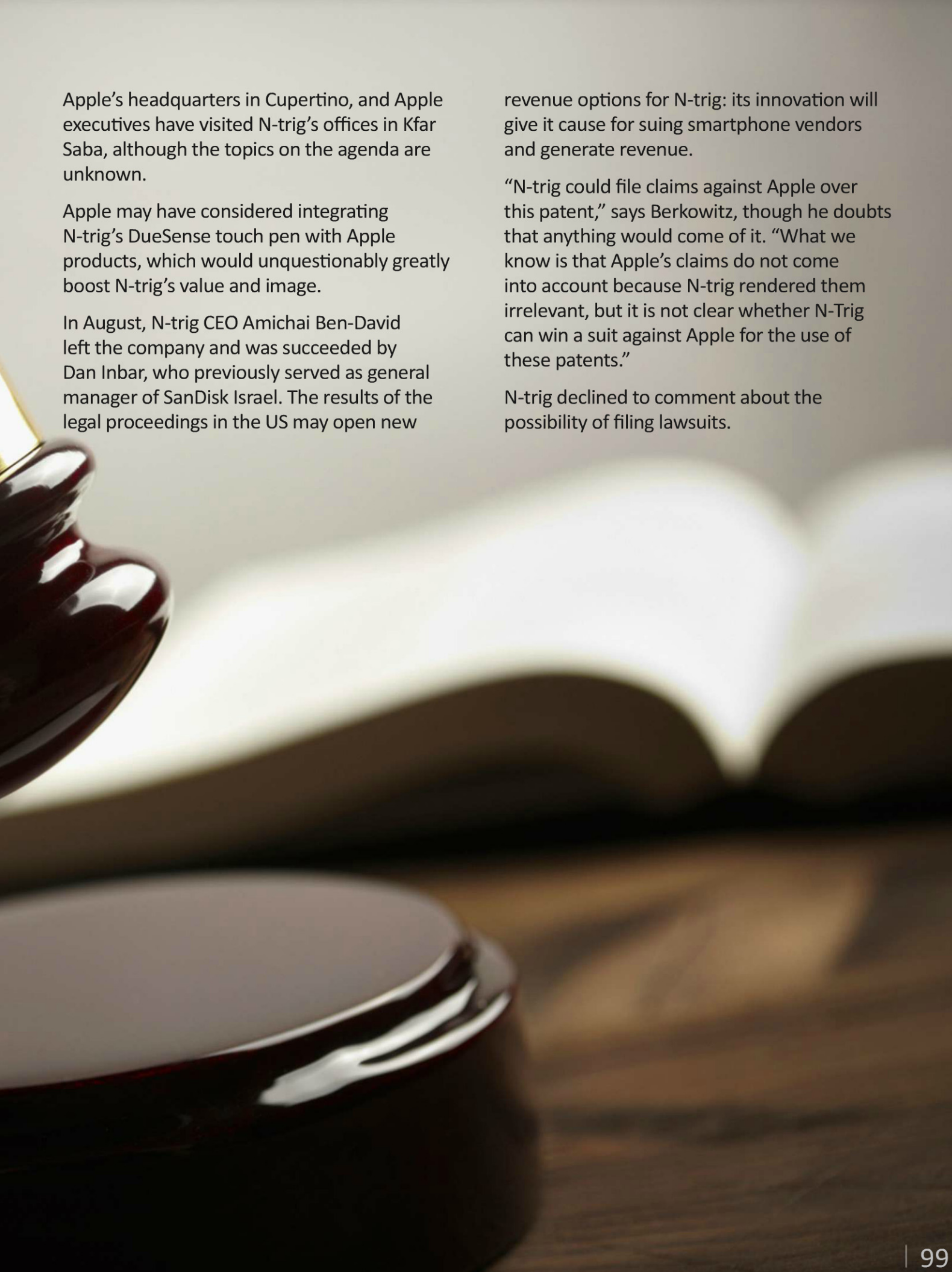
Apple's headquarters in Cupertino, and Apple executives have visited N-trig's offices in Kfar Saba, although the topics on the agenda are unknown.

Apple may have considered integrating N-trig's DueSense touch pen with Apple products, which would unquestionably greatly boost N-trig's value and image.

In August, N-trig CEO Amichai Ben-David left the company and was succeeded by Dan Inbar, who previously served as general manager of SanDisk Israel. The results of the legal proceedings in the US may open new revenue options for N-trig: its innovation will give it cause for suing smartphone vendors and generate revenue.

"N-trig could file claims against Apple over this patent," says Berkowitz, though he doubts that anything would come of it. "What we know is that Apple's claims do not come into account because N-trig rendered them irrelevant, but it is not clear whether N-Trig can win a suit against Apple for the use of these patents."

N-trig declined to comment about the possibility of filing lawsuits.




TOP
10
SONGS



US

WRECKING BALL
Miley Cyrus

ROAR
Katy Perry

ROYALS
Lorde

WAKE ME UP
Avicii

APPLAUSE
Lady Gaga

HOLD ON, WE'RE GOING HOME (FEAT. MAJID JORDAN)
Drake

THAT'S MY KIND OF NIGHT
Luke Bryan

BLURRED LINES (FEAT. T.I. & PHARRELL)
Robin Thicke

DARK HORSE (FEAT. JUICY J)
Katy Perry

WE CAN'T STOP
Miley Cyrus

UK

ROAR
Katy Perry

IT'S MY PARTY
Jessie J

YOU MAKE ME
Avicii

COUNTING STARS
OneRepublic

HOLD ON, WE'RE GOING HOME (FEAT. MAJID JORDAN)
Drake

BURN
Ellie Goulding

WAKE ME UP
Avicii

A THOUSAND YEARS
Christina Perri

SAME LOVE (FEAT. MARY LAMBERT)
Macklemore & Ryan Lewis

SONNENTANZ (SUN DON'T SHINE) [FEAT. WILL HEARD]
Klangkarussell

AUSTRALIA

ROAR
Katy Perry

WRECKING BALL
Miley Cyrus

LET'S GET RIDICULOUS
Redfoo

SOMETHING I NEED
OneRepublic

LOVE ME AGAIN
John Newman

HIGH HOPES
Kodaline

SUMMERTIME SADNESS (LANA DEL REY VS. CEDRIC GERVAIS) [CEDRIC GERVAIS REMIX] [RADIO EDIT]
Lana Del Rey & Cedric Gervais

BURN
Ellie Goulding

HOLD ON, WE'RE GOING HOME (FEAT. MAJID JORDAN)
Drake

WAKE ME UP
Avicii

SWEDEN

HEY BROTHER
Avicii

COLORS
Laleh

JABBA THE HUTT
Pewdiepie & The Gregory Brothers

WAKE ME UP
Avicii

WRECKING BALL
Miley Cyrus

ROAR
Katy Perry

APPLAUSE
Lady Gaga

ADDICTED TO YOU
Avicii

SERGELS TORG
Veronica Maggio

ANIMALS
Martin Garrix



CANADA

WRECKING BALL
Miley Cyrus
ROAR
Katy Perry
ROYALS
Lorde
WAKE ME UP
Avicii
HOLD ON, WE'RE GOING HOME (FEAT. MAJID JORDAN)
Drake
APPLAUSE
Lady Gaga
SUMMERTIME SADNESS [LANA DEL REY VS. CEDRIC GERVAIS] [CEDRIC GERVAIS REMIX]
Lana Del Rey & Cedric Gervais
BLURRED LINES (FEAT. T.I. & PHARRELL)
Robin Thicke
WE CAN'T STOP
Miley Cyrus
SAFE AND SOUND
Capital Cities

SPAIN

WAKE ME UP
Avicii
BLURRED LINES (FEAT. T.I. & PHARRELL)
Robin Thicke
I LOVE IT (FEAT. CHARLI XCX)
Icona Pop
LA LA LA (FEAT. SAM SMITH)
Naughty Boy
LET HER GO
Passenger
LOVE ME AGAIN
John Newman
EL PRIMER DIA DEL RESTO DE MI VIDA
La Oreja de Van Gogh
A PRUEBA DE TI
Malú
CERO
Dani Martín
WE CAN'T STOP
Miley Cyrus

FRANCE

FORMIDABLE
Stromae
WAKE ME UP
Avicii
PAPAOUTAI
Stromae
VANDAAG
Bakermat
ANIMALS
Martin Garrix
ROAR
Katy Perry
WRECKING BALL
Miley Cyrus
LOVE ME AGAIN
John Newman
LA LA LA (FEAT. SAM SMITH)
Naughty Boy
BLURRED LINES (FEAT. T.I. & PHARRELL)
Robin Thicke



GERMANY

DEAR DARLIN'
Olly Murs
ON TOP OF THE WORLD
Imagine Dragons
WAKE ME UP
Avicii
ROAR
Katy Perry
CAN'T BELIEVE IT (FEAT. PITBULL)
Flo Rida
RUN BOY RUN
Woodkid
ANIMALS
Martin Garrix
HERO
Family of the Year
WHATEVER
Cro
PAPAOUTAI
Stromae

BELGIUM

WAKE ME UP
Avicii

ANIMALS
Martin Garrix

IMAGINATION (REGI RADIO REMIX)
Milk Inc.

WRECKING BALL
Miley Cyrus

BORN AGAIN (ORIGINAL EXTENDED MIX)
Ahzee

ROAR
Katy Perry

BURN
Ellie Goulding

WINGS
Birdy

MI REINA (RADIO EDIT)
Henry Mendez

LA LA LA (FEAT. SAM SMITH)
Naughty Boy

ITALY

WAKE ME UP
Avicii

L'ANIMA VOLA
Elisa

IL SALE DELLA TERRA
Ligabue

ROAR
Katy Perry

YOU WILL NEVER KNOW
Imany

WRECKING BALL
Miley Cyrus

LOVE ME AGAIN
John Newman

ATLAS (FROM "THE HUNGER GAMES: CATCHING FIRE" SOUNDTRACK)
Coldplay

APPLAUSE
Lady Gaga

LIMPIDO (WITH KYLIE MINOGUE)
Laura Pausini

AUSTRIA

DEAR DARLIN'
Olly Murs

ROAR
Katy Perry

ON TOP OF THE WORLD
Imagine Dragons

WRECKING BALL
Miley Cyrus

AND WE DANCED (FEAT. ZIGGY STARDUST)
Macklemore

WE CAN'T STOP
Miley Cyrus

ANIMALS
Martin Garrix

WAKE ME UP
Avicii

PAPAOUTAI
Stromae

SONNENTANZ (SUN DON'T SHINE) [FEAT. WILL HEARD]
Klangkarussell

FINLAND

TIMANTIT ON IKUISIA
Cheek

WAKE ME UP
Avicii

LAY ME DOWN
Avicii

ROAR
Katy Perry

WRECKING BALL
Miley Cyrus

KIPUA
Mikael Gabriel

BOOM KAH (FEAT. MIKAEL GABRIEL & UNIIKKI)
Robin

BURN
Ellie Goulding

APPLAUSE
Lady Gaga

SALIL EKA SALIL VIKA
Musta Barbaari

See more in iTunes



TOP 10 ALBUMS

CRASH MY PARTY
Luke Bryan

TOO WEIRD TO LIVE, TOO RARE TO DIE!
Panic! At the Disco

THE CIVIL WARS
The Civil Wars

OVERNIGHT
Parachute

TEEN BEACH MOVIE (SOUNDTRACK)
Various Artists

PARACOSM (BONUS TRACK VERSION)
Washed Out

NOW THAT'S WHAT I CALL MUSIC, VOL. 47
Various Artists

NIGHT VISIONS
Imagine Dragons

PUSHIN' AGAINST A STONE
Valerie June

OCEAN AVENUE ACOUSTIC
Yellowcard

TOP 10 MUSIC VIDEOS



BEST SONG EVER
One Direction

CUPS (PITCH PERFECT'S "WHEN I'M GONE") [DIRECTOR'S CUT]
Anna Kendrick

WE CAN'T STOP
Miley Cyrus

RADIOACTIVE
Imagine Dragons

BOYS 'ROUND HERE (FEAT. PISTOL ANNIES & FRIENDS)
Blake Shelton

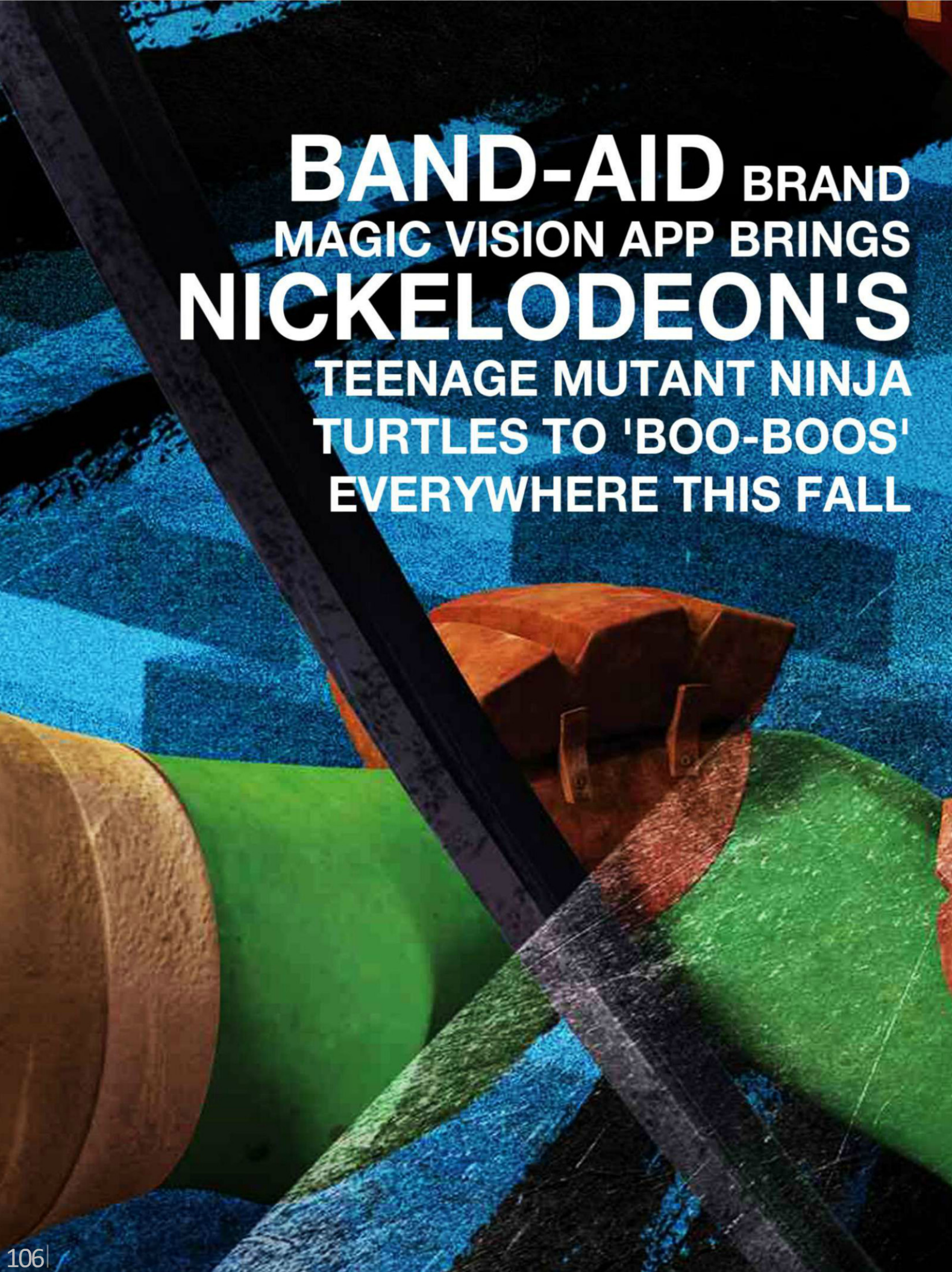
MISS MOVIN' ON
Fifth Harmony

CRUISE (FEAT. NELLY) [REMIX]
Florida Georgia Line

ONE WAY OR ANOTHER (TEENAGE KICKS)
One Direction

HIGHWAY DON'T CARE (FEAT. TAYLOR SWIFT & KEITH URBAN)
Tim McGraw

SEE YOU AGAIN
Carrie Underwood



BAND-AID BRAND MAGIC VISION APP BRINGS NICKELODEON'S TEENAGE MUTANT NINJA TURTLES TO 'BOO-BOOS' EVERYWHERE THIS FALL





BAND-AID® Brand Adhesive Bandages, a leading iconic brand of Johnson & Johnson Consumer Companies, Inc., announced today the addition of Nickelodeon's Teenage Mutant Ninja Turtles to its MAGIC VISION™ App. Beginning this fall, parents can unlock fun filled activities for their kids by downloading the free MAGIC VISION App using a device with IOS 6 or higher (including iPhone 5, iPhone 4S, iPad 2+, etc.) and scanning a BAND-AID Brand Adhesive Bandages box featuring Teenage Mutant Ninja Turtles.

The BAND-AID MAGIC VISION App featuring Nickelodeon's Teenage Mutant Ninja Turtles allows families to unlock a special world where the characters appear on their devices in stunning view. When parents and kids scan the BAND-AID Brand Adhesive Bandages box, they activate a variety of Teenage Mutant Ninja Turtles activities including Connect The Dots, Target Practice, Tile Flip Puzzles, Spin 'N Say Boards and more. As an added bonus, in the 'Extras' section of the app, users can scan individual bandages to unlock exclusive Teenage Mutant Ninja Turtles content and save them for use as background images on their devices.





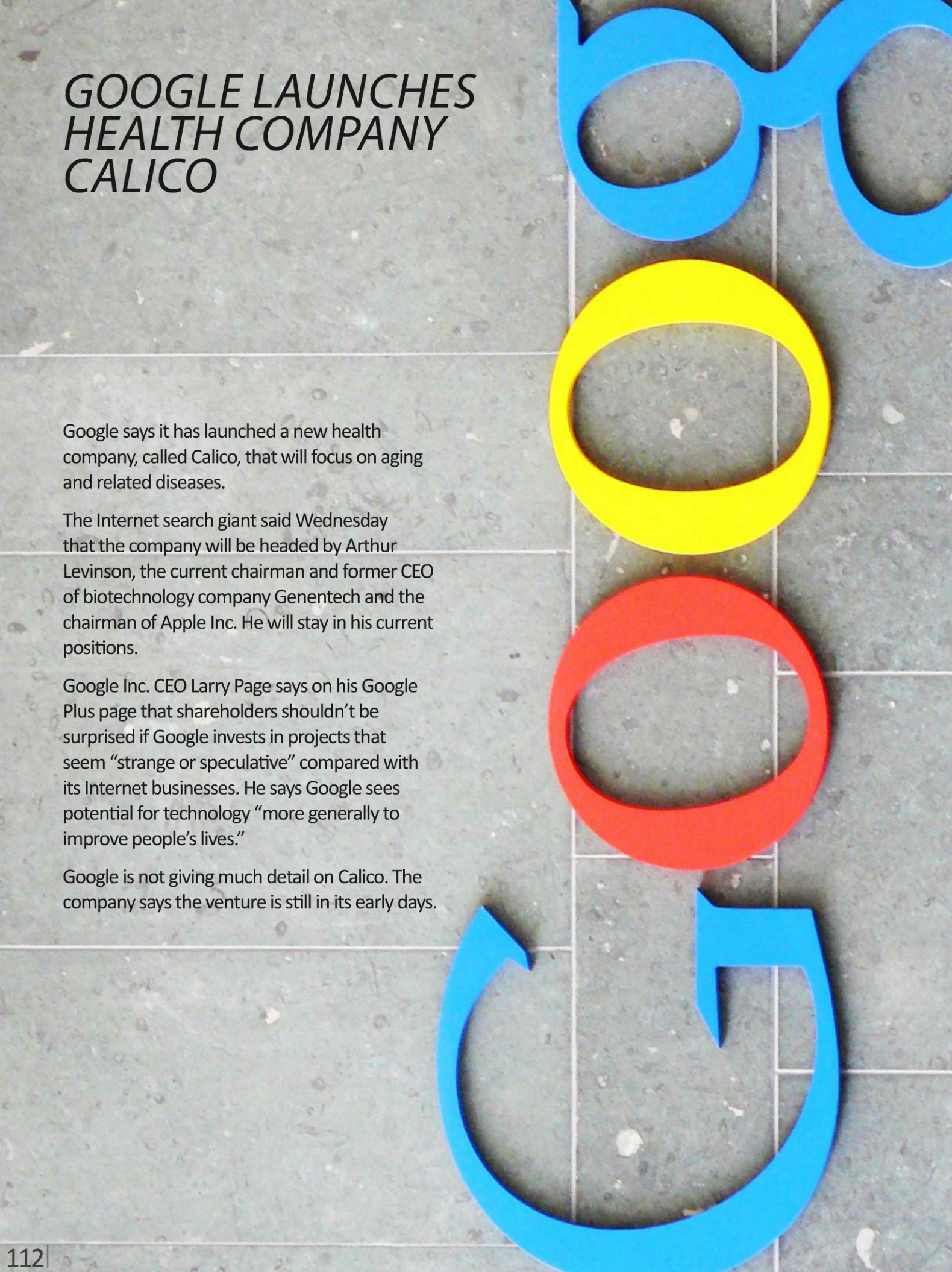


"For nearly 100 years, BAND-AID Brand has been a family staple as a source of healing, comfort and protection to help turn moments of hurt into moments of nurturing care," said Mikio Fujitsuka, Senior Brand Manager, BAND-AID Brand Adhesive Bandages. "Now, parents can use this innovative application to 'heal the heart' by entertaining their kids during the traumatic moment of getting a cut or scrape."

"We're so excited to bring these new and innovative BAND-AID Brand Adhesive Bandages featuring Teenage Mutant Ninja Turtles to fans of the series," said Samantha Kanter, Vice President, Packaged Goods, Nickelodeon Consumer Products. "With the MAGIC VISION App, minor bumps and bruises no longer have to be a scary experience for kids - it can be an exciting adventure."

Nickelodeon's Teenage Mutant Ninja Turtles premiered Sept. 29, 2012 and was an instant hit, drawing almost 12 million viewers during its premiere weekend, and is currently the number-one new animated series for boys, 2013 to date. Funnier and with more ninjutsu than ever before Teenage Mutant Ninja Turtles explores the companionship of four teenage brothers learning to rely on themselves and one another as they unravel the mystery of their existence and grow to become the heroes in a half-shell that they are destined to be. The premiere episode was executive produced by Ciro Nieli, Joshua Sternin & J.R. Ventimilia and Peter Hastings. The series airs regularly on Nickelodeon, Saturday mornings at 11a.m. ET/PT. The Teenage Mutant Ninja Turtles property won the 2013 TOTY Awards for Property of the Year and Boy Toy of the Year.

GOOGLE LAUNCHES HEALTH COMPANY CALICO



Google says it has launched a new health company, called Calico, that will focus on aging and related diseases.

The Internet search giant said Wednesday that the company will be headed by Arthur Levinson, the current chairman and former CEO of biotechnology company Genentech and the chairman of Apple Inc. He will stay in his current positions.

Google Inc. CEO Larry Page says on his Google Plus page that shareholders shouldn't be surprised if Google invests in projects that seem "strange or speculative" compared with its Internet businesses. He says Google sees potential for technology "more generally to improve people's lives."

Google is not giving much detail on Calico. The company says the venture is still in its early days.

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